

Name: _____

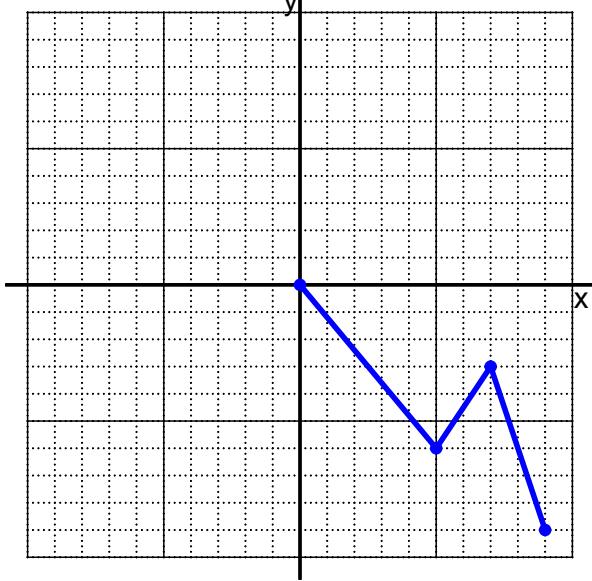
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PCW_0909_draw_even_or_odd (version 1)

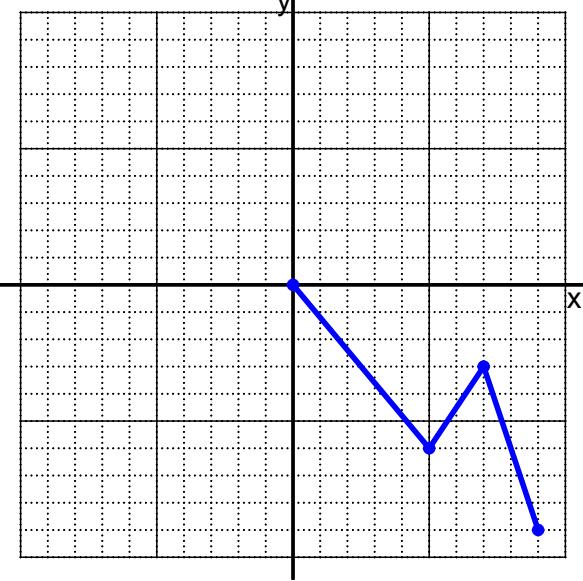
A function is even if $f(x) = f(-x)$ for all x in the domain. A function is odd if $f(x) = -f(-x)$ for all x in the domain.

1. I have drawn half of a function. Draw the other half to make it even or odd.

EVEN

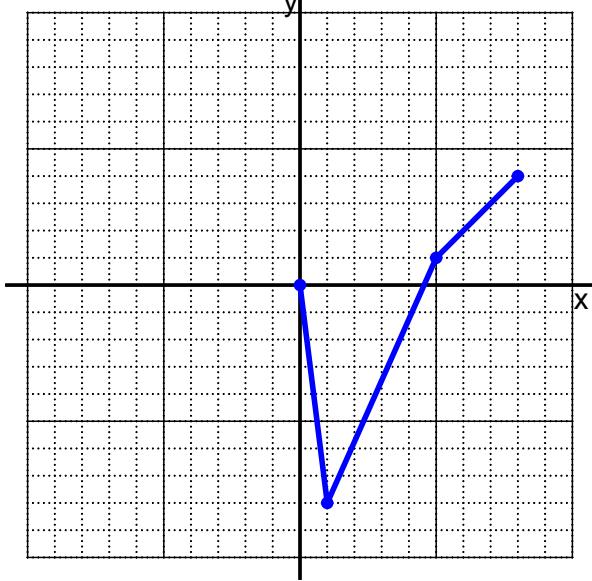


ODD

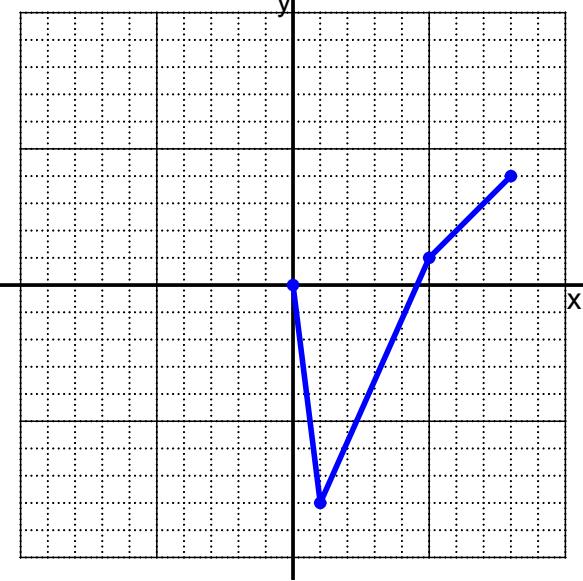


2. I have drawn half of a function. Draw the other half to make it even or odd.

EVEN

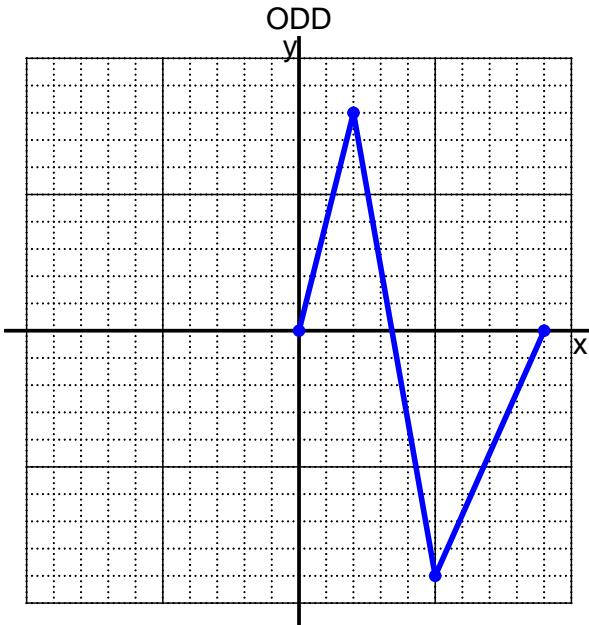
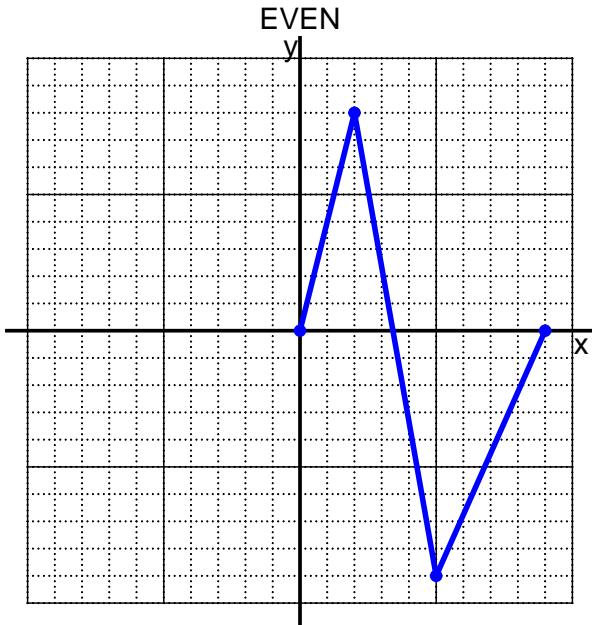


ODD

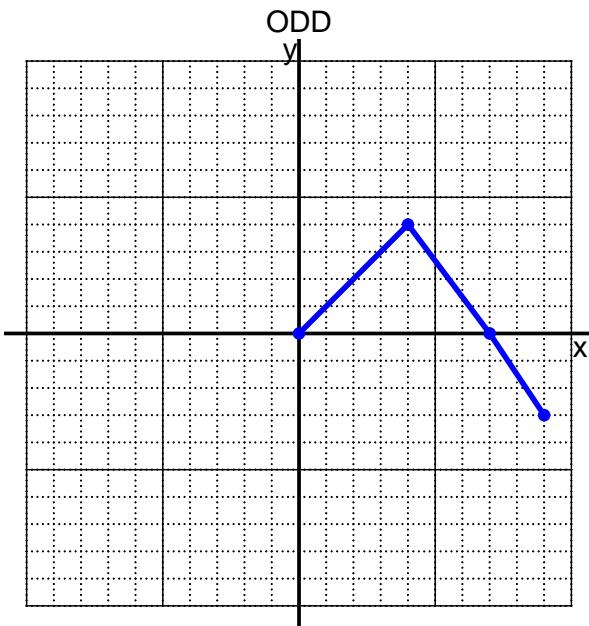
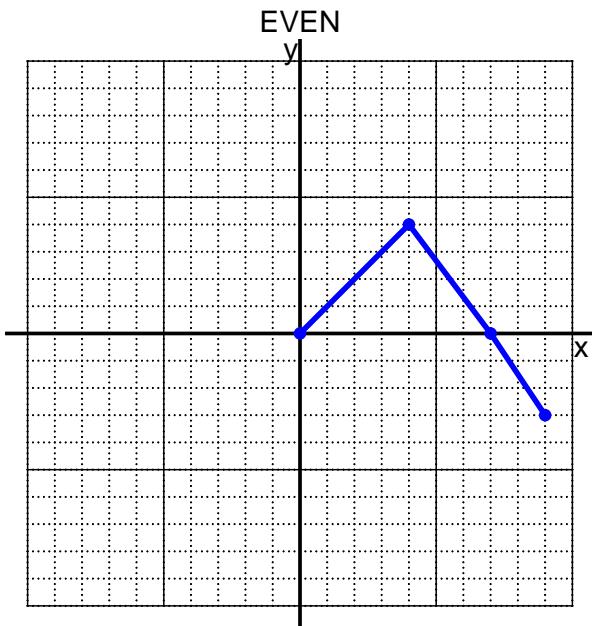


A function is even if $f(x) = f(-x)$ for all x in the domain. A function is odd if $f(x) = -f(-x)$ for all x in the domain.

3. I have drawn half of a function. Draw the other half to make it even or odd.



4. I have drawn half of a function. Draw the other half to make it even or odd.

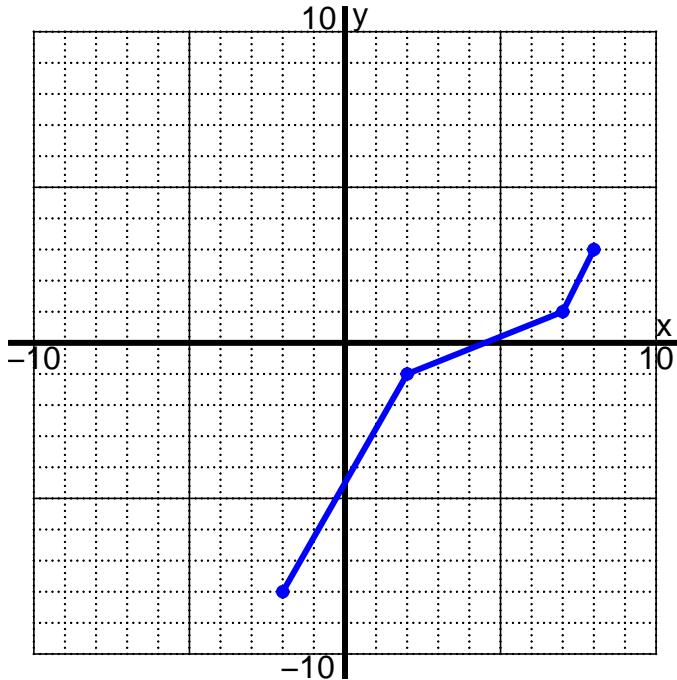


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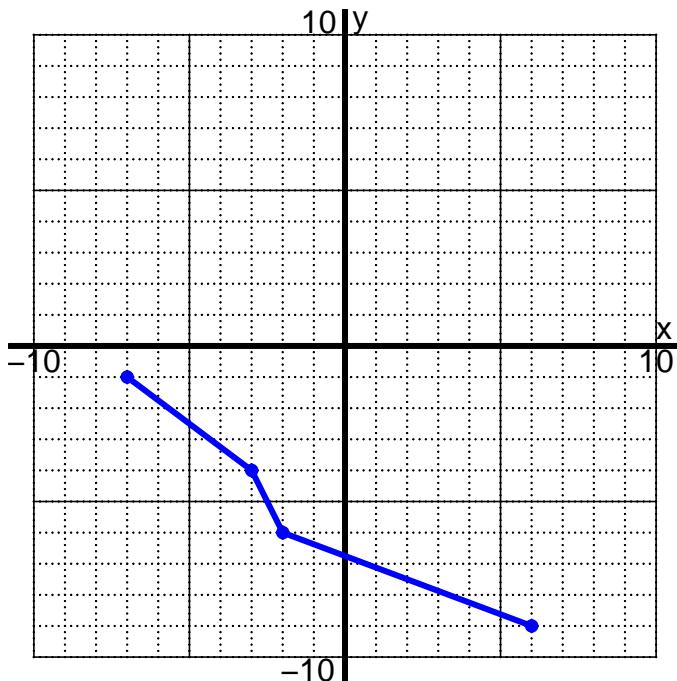
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Function reflections

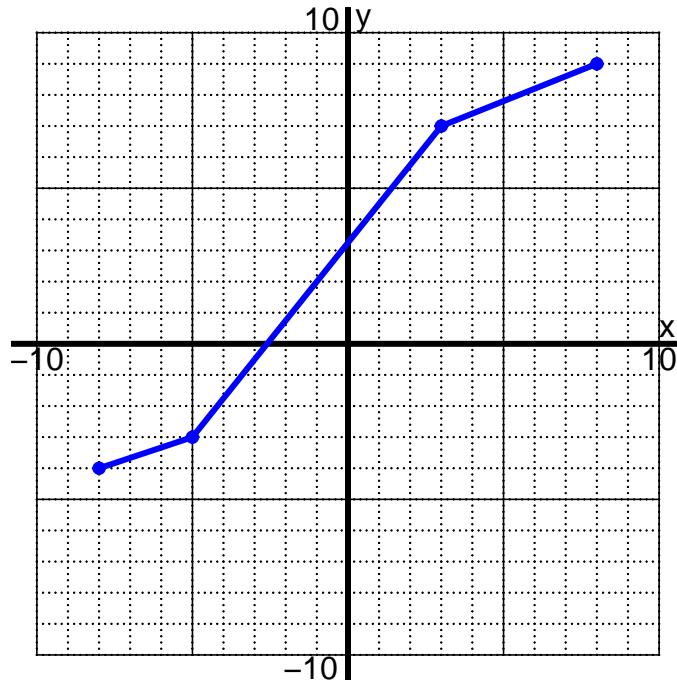
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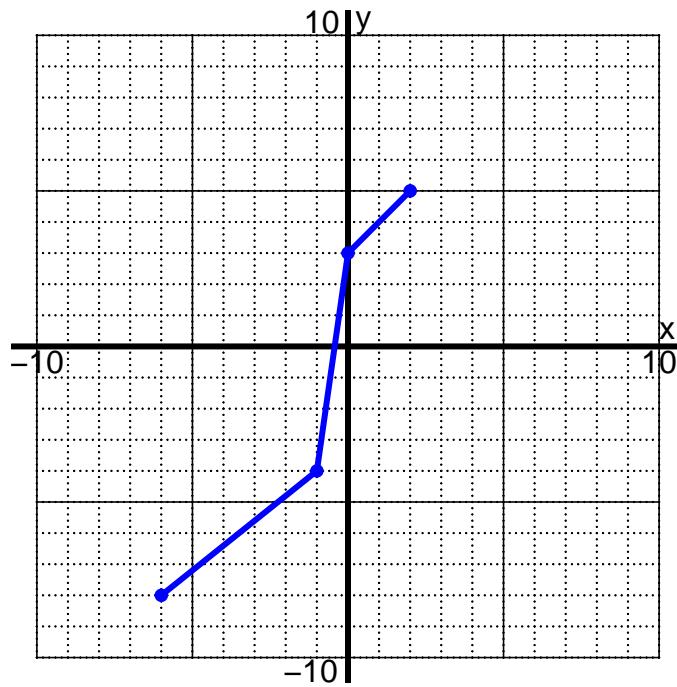
2. Below is a plot of $y = f(x)$. On the same xy plane, please draw $y = -f(-x)$.



3. Below is a plot of $y = f(x)$. On the same xy plane, please draw $y = f(-x)$.



4. Below is a plot of $y = f(x)$. On the same xy plane, please draw $y = f^{-1}(x)$.

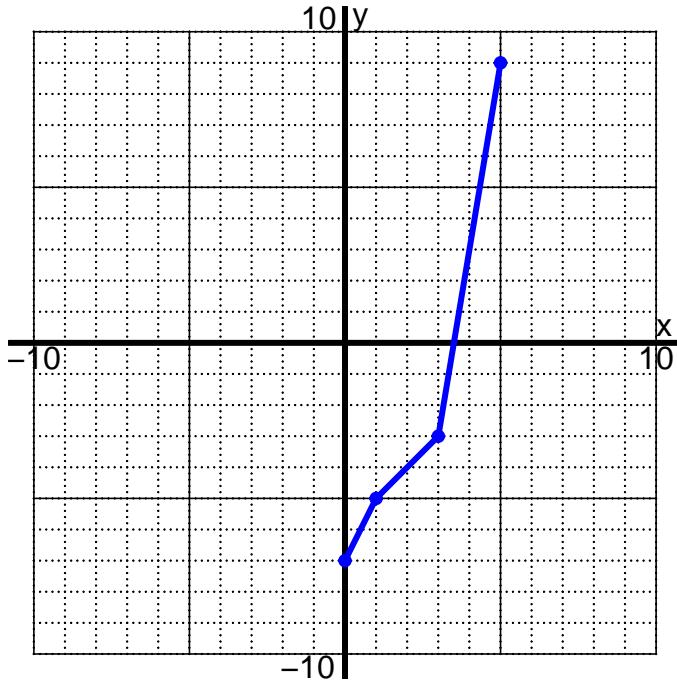


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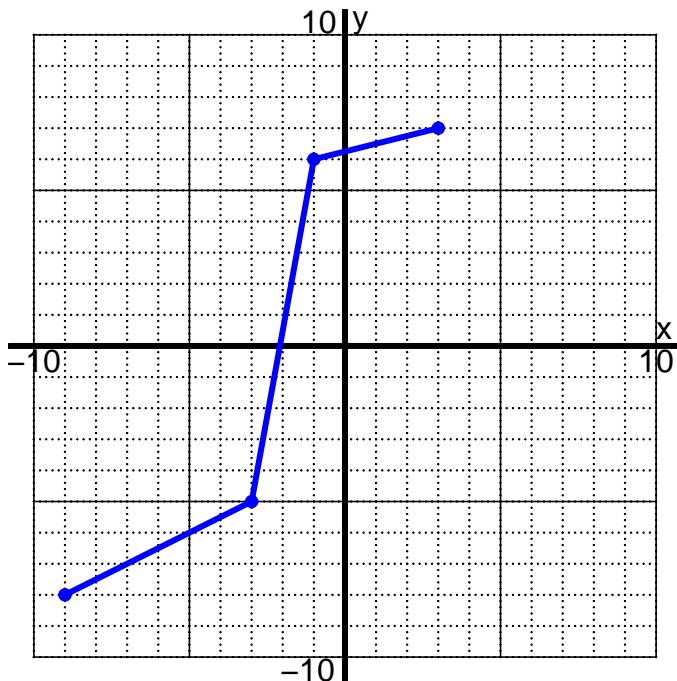
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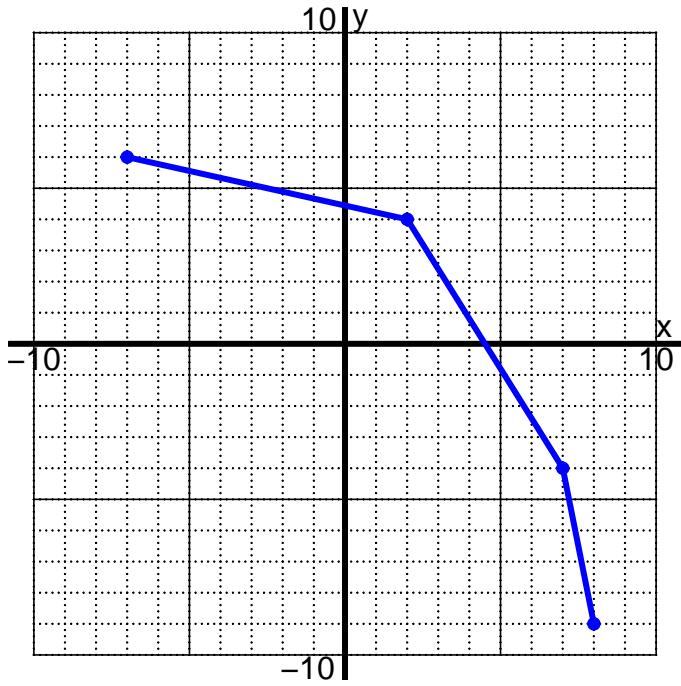
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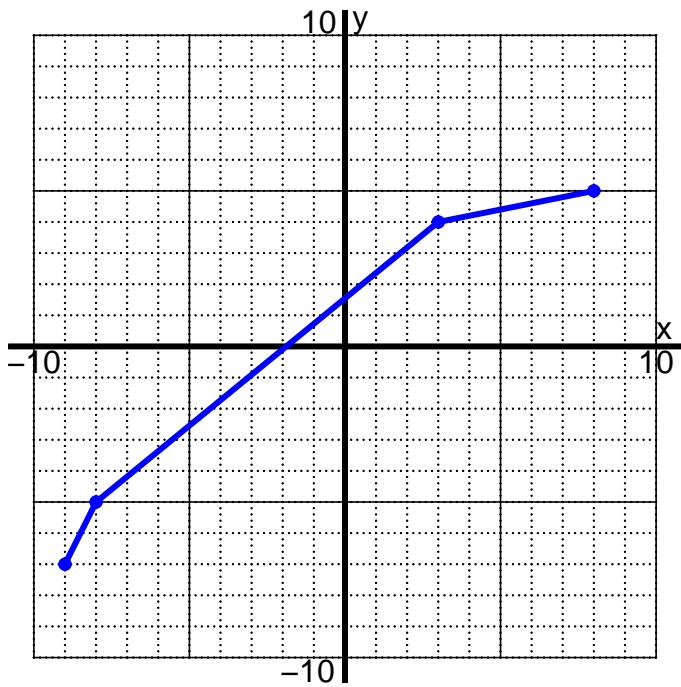
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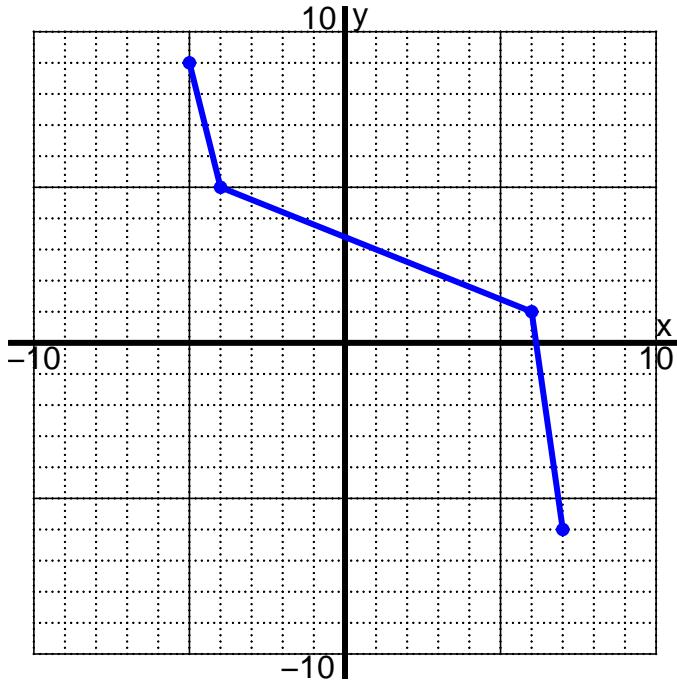


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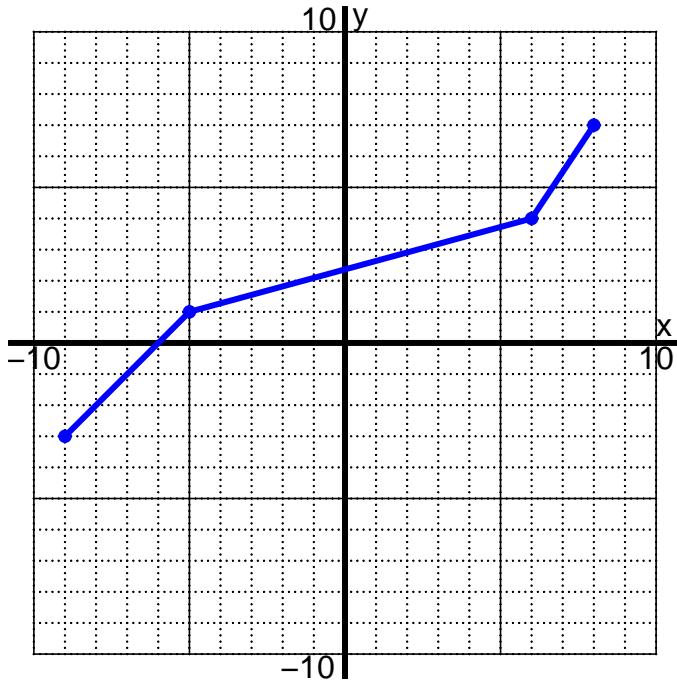
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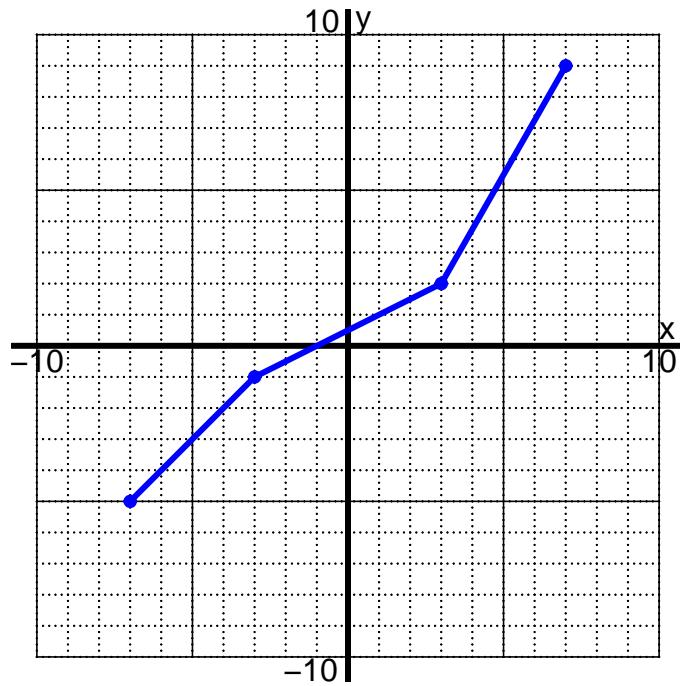
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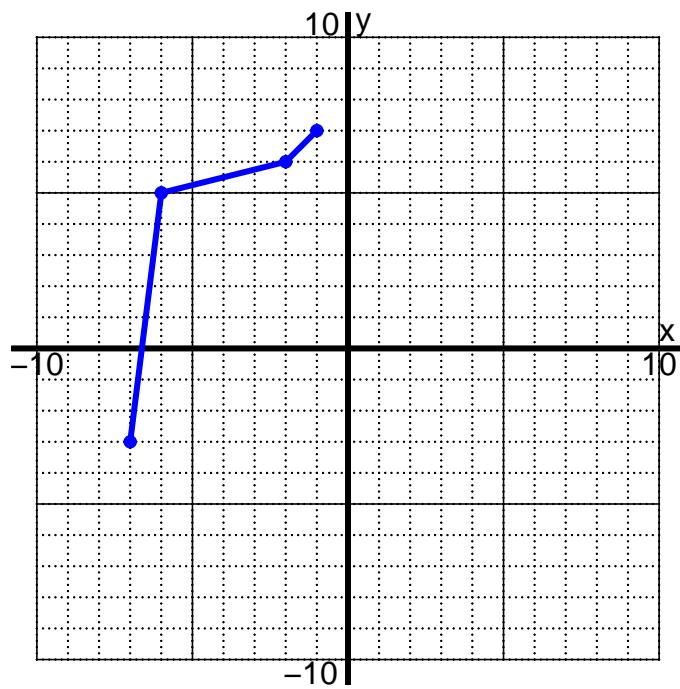
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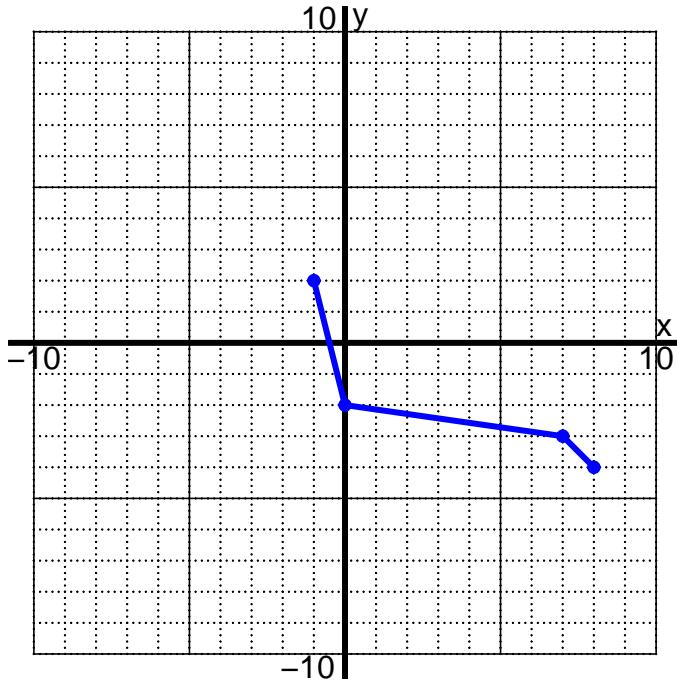


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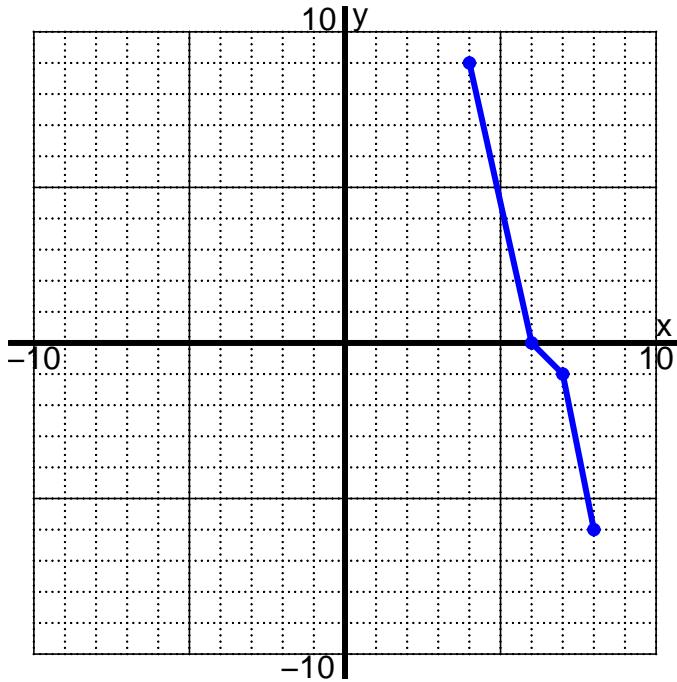
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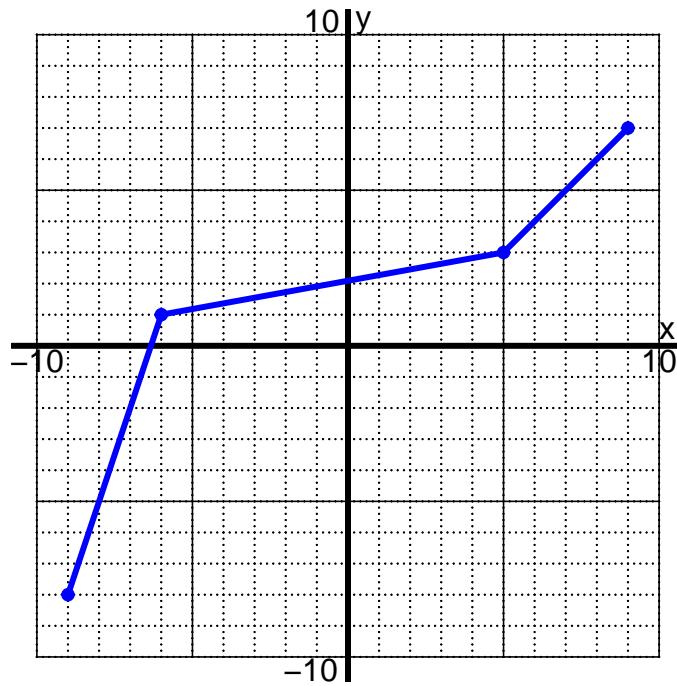
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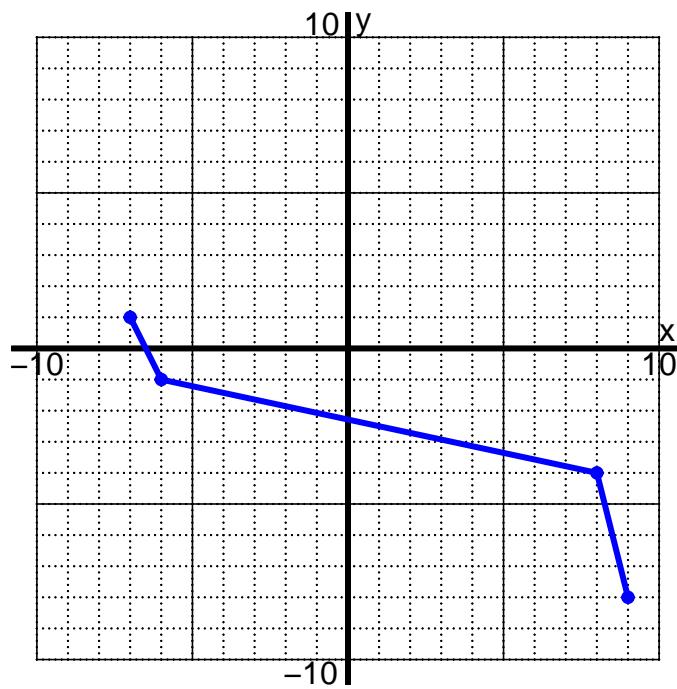
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4. Below is a plot of $y = f(x)$. On the same xy plane, please draw $y = f^{-1}(x)$.

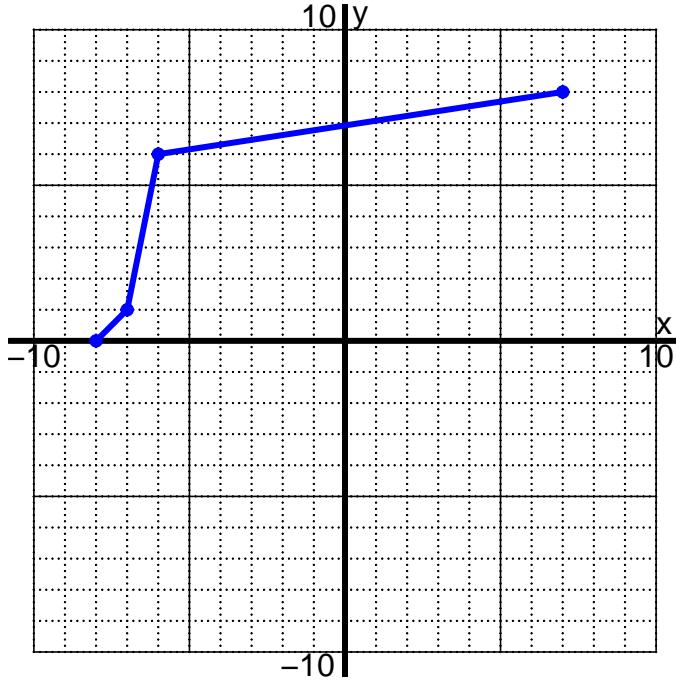


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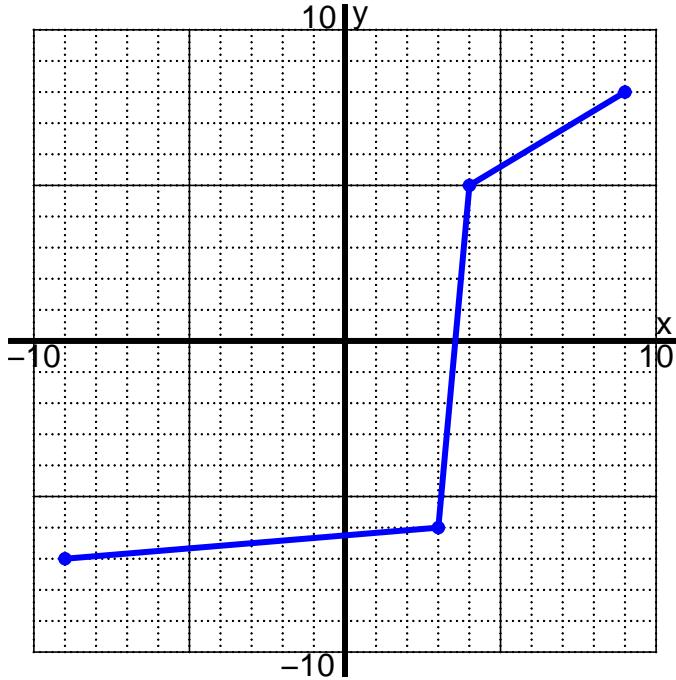
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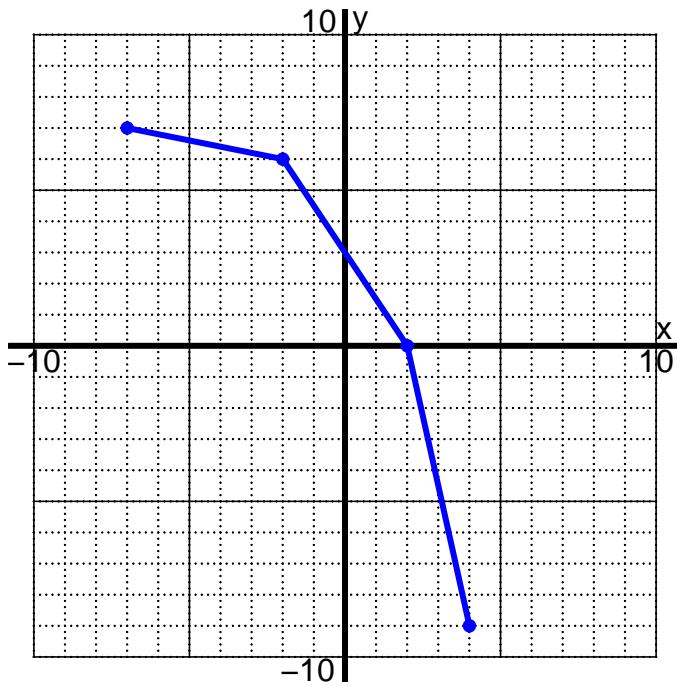
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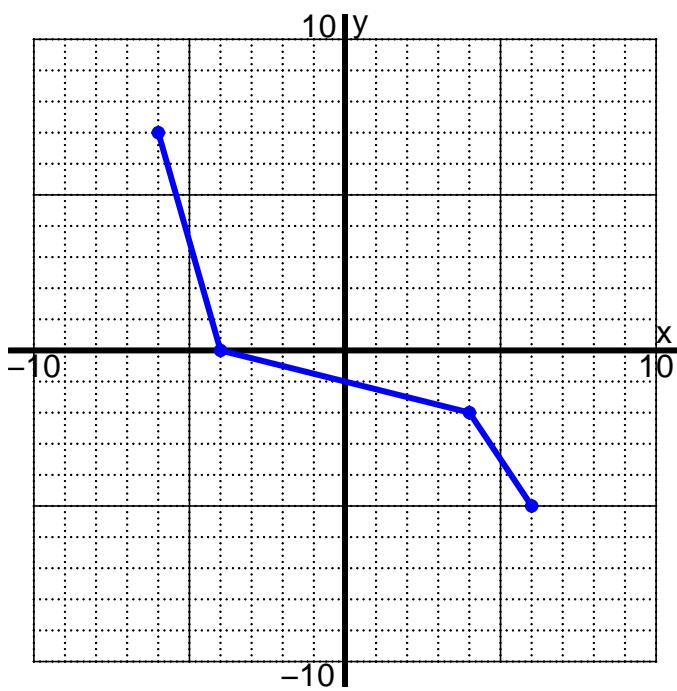
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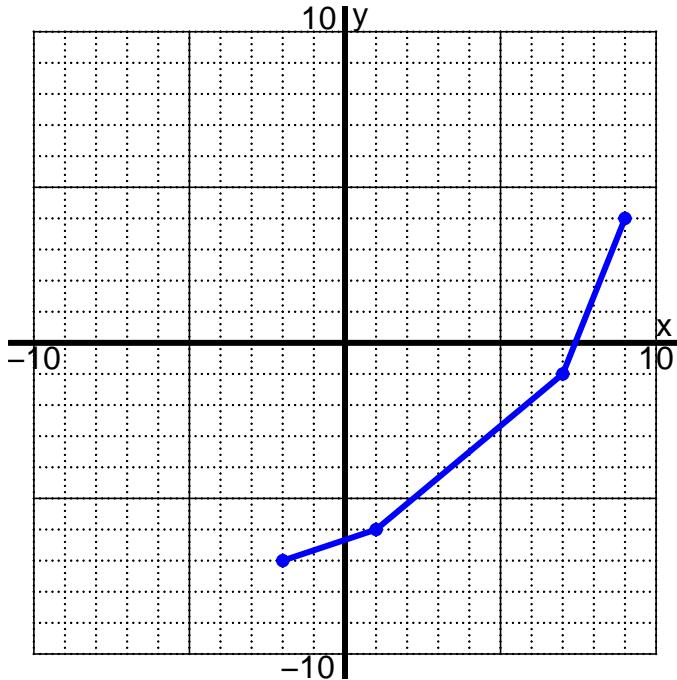


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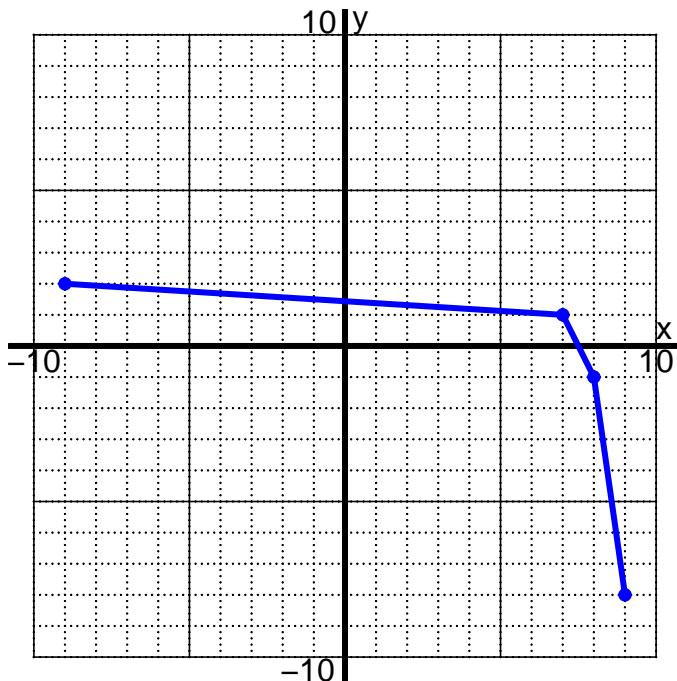
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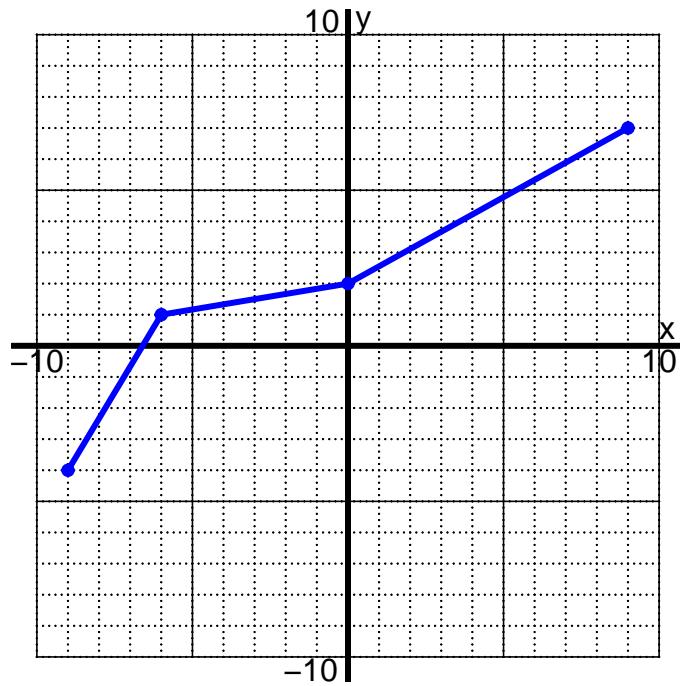
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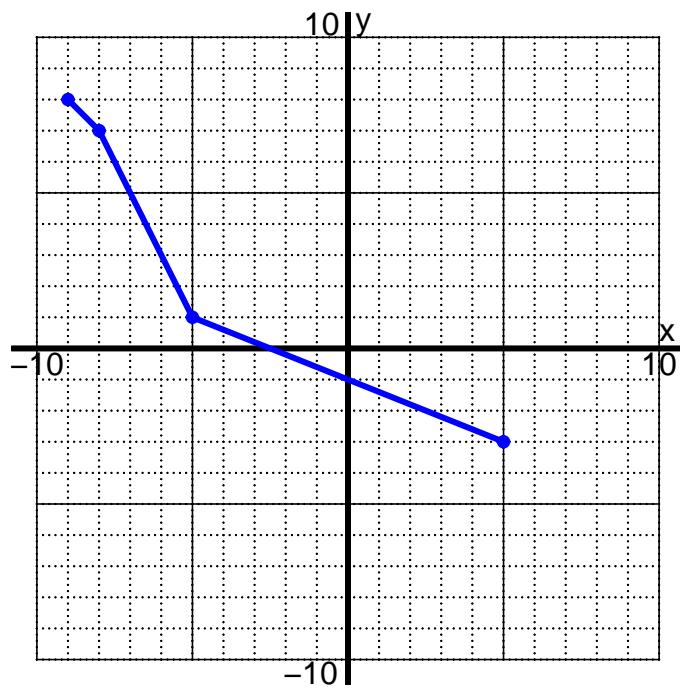
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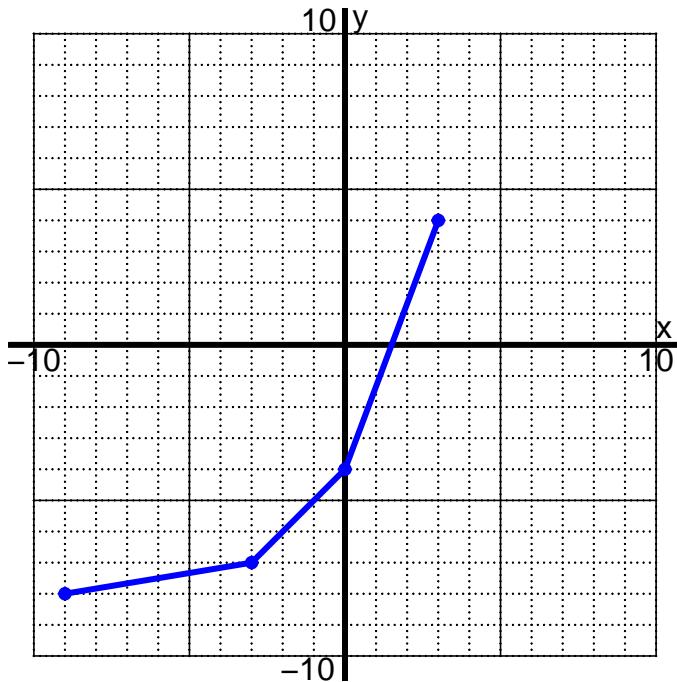


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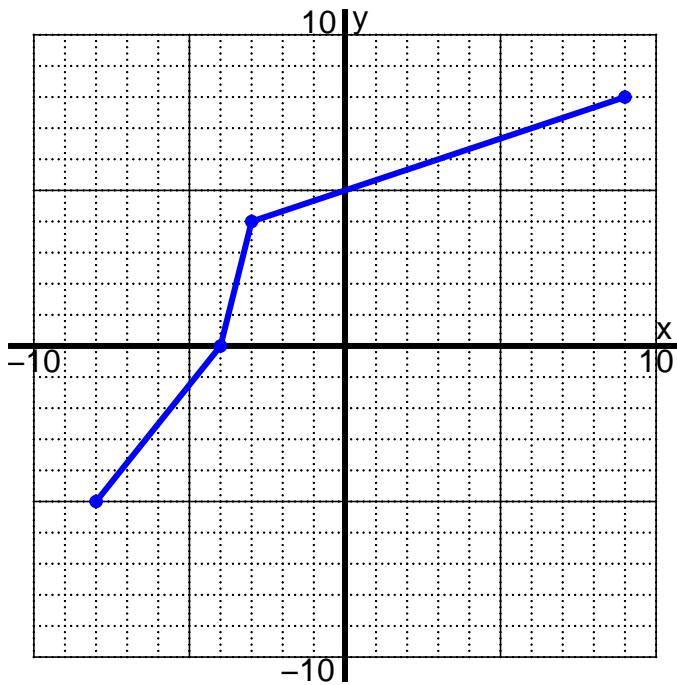
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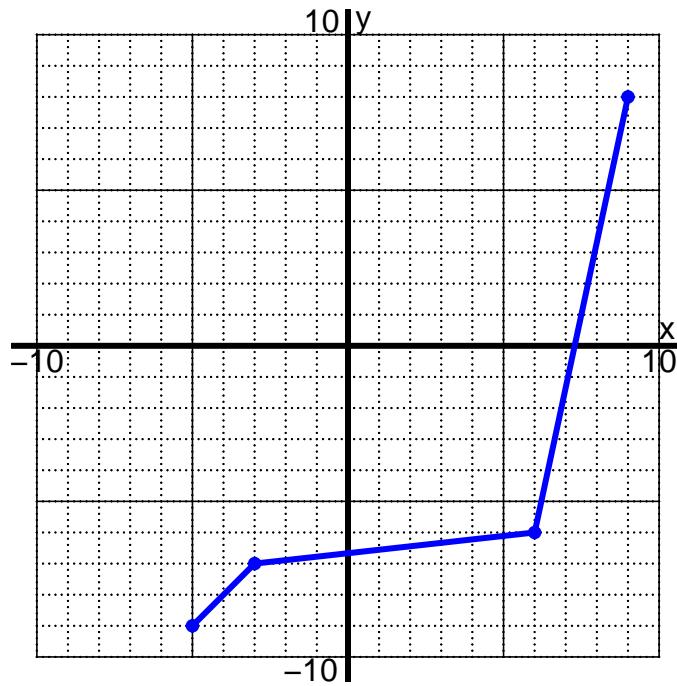
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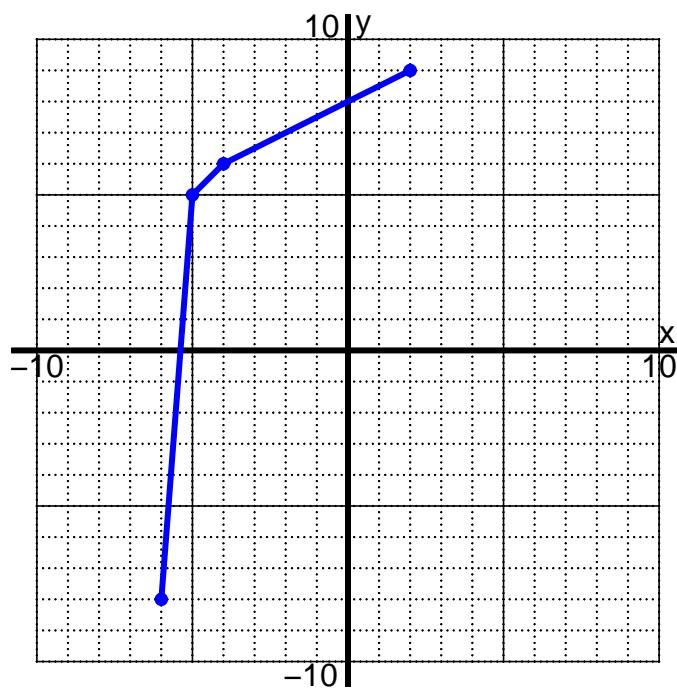
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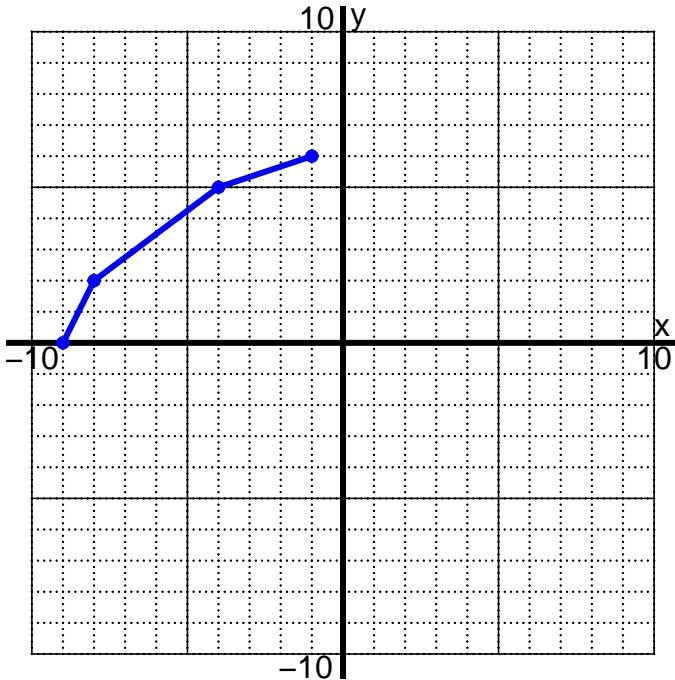


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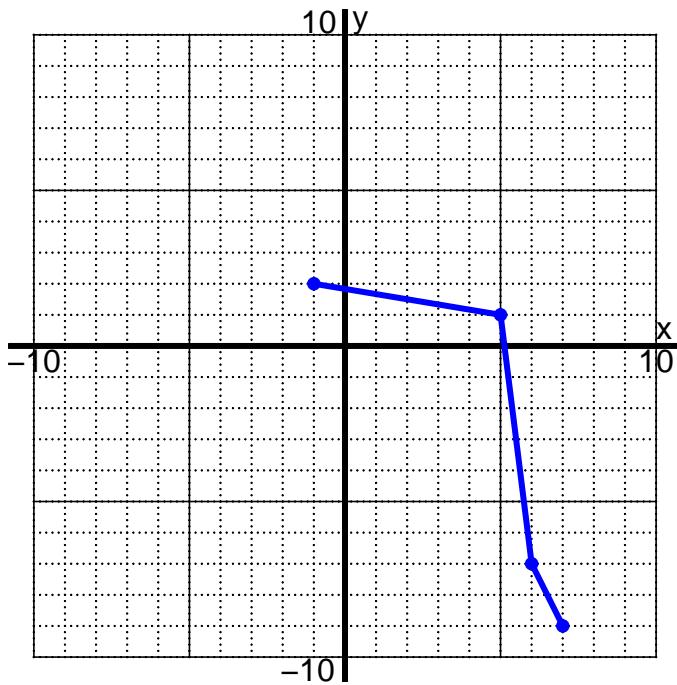
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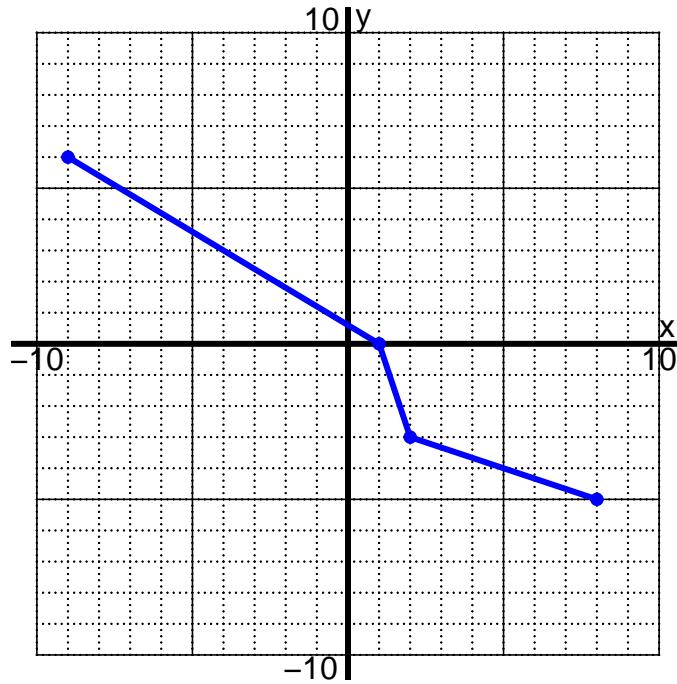
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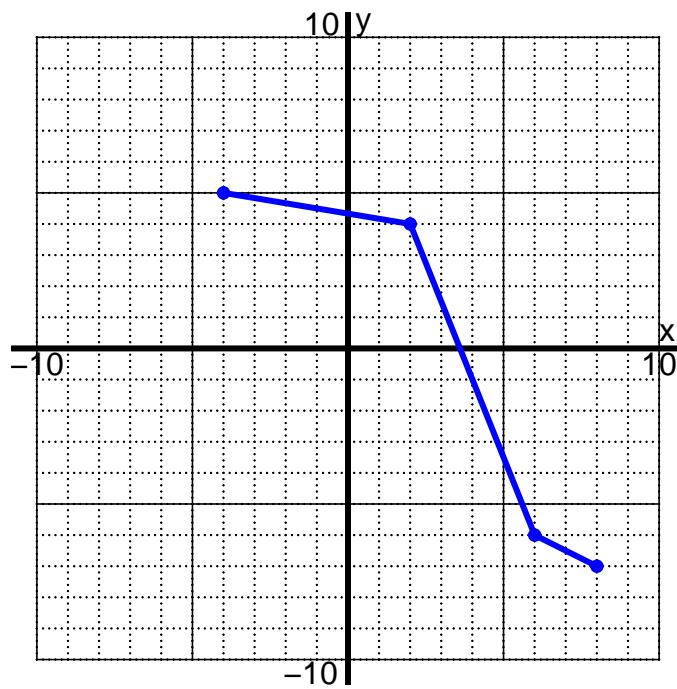
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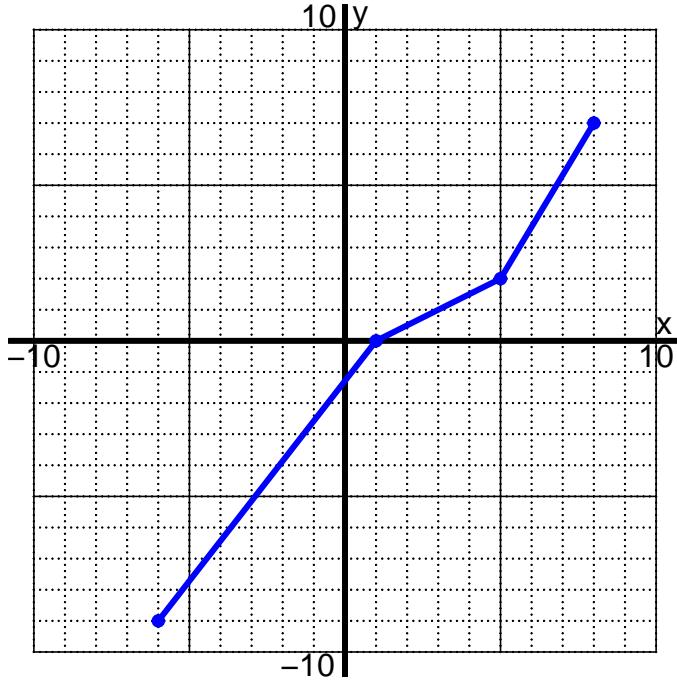


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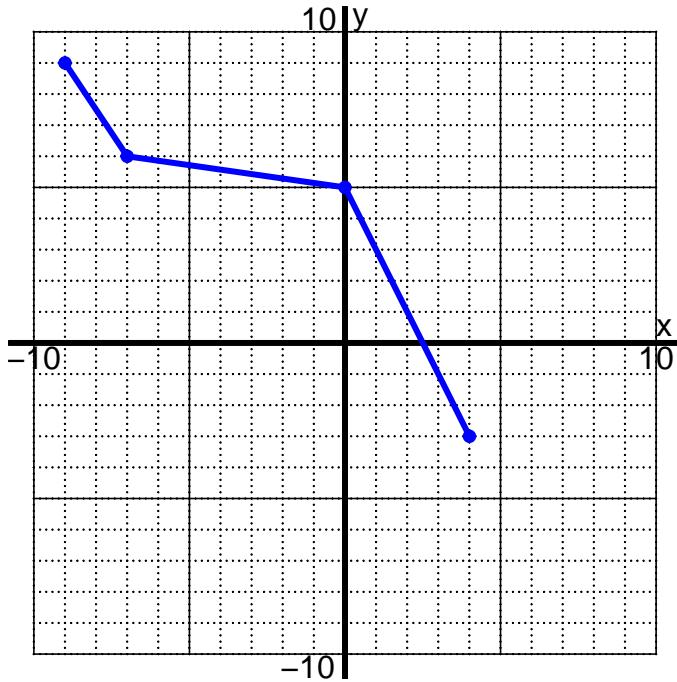
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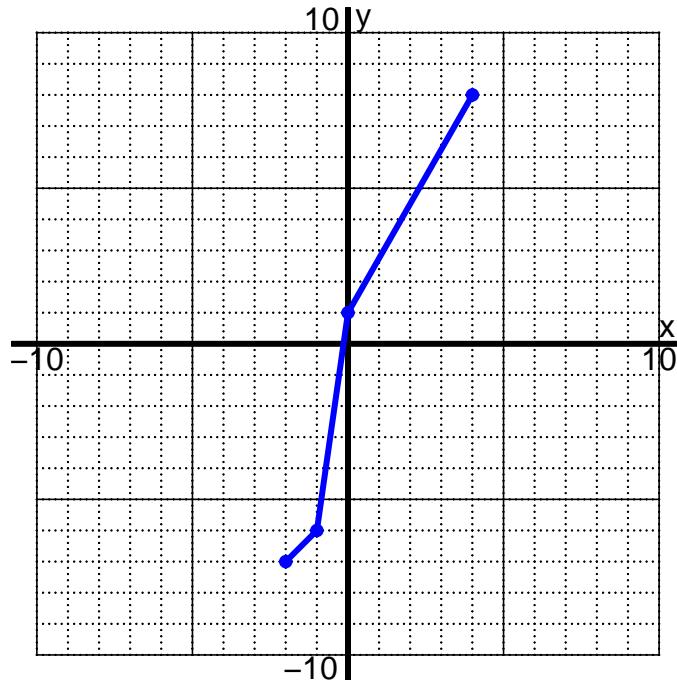
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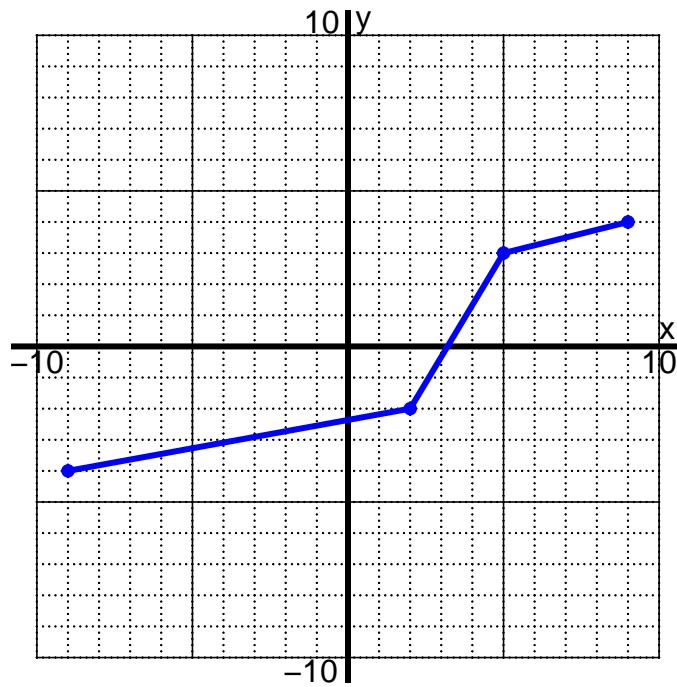
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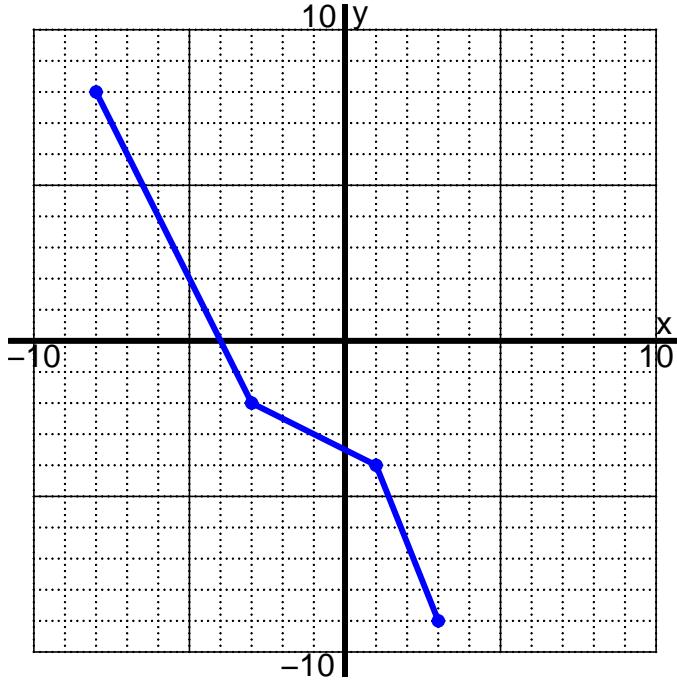


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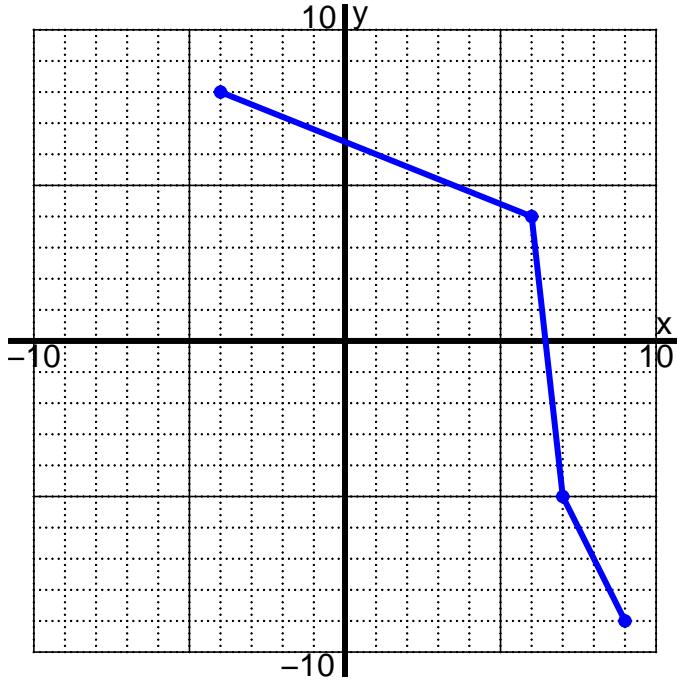
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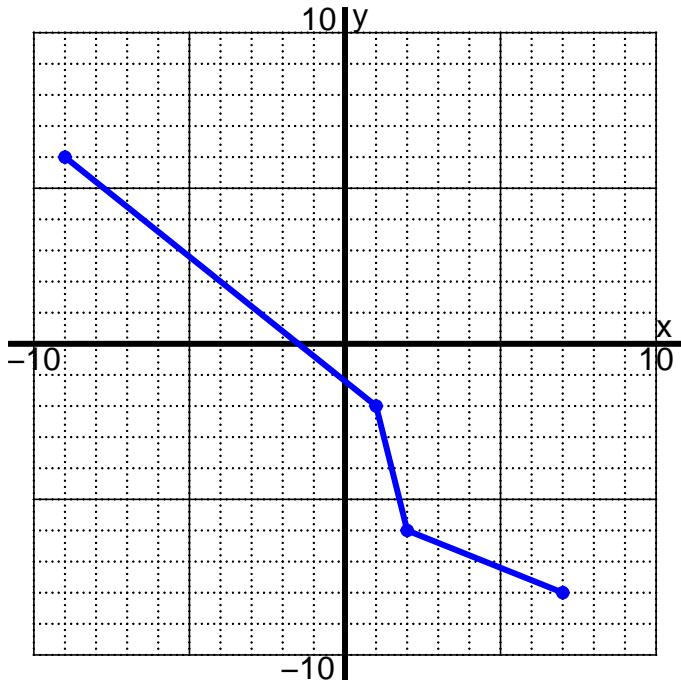
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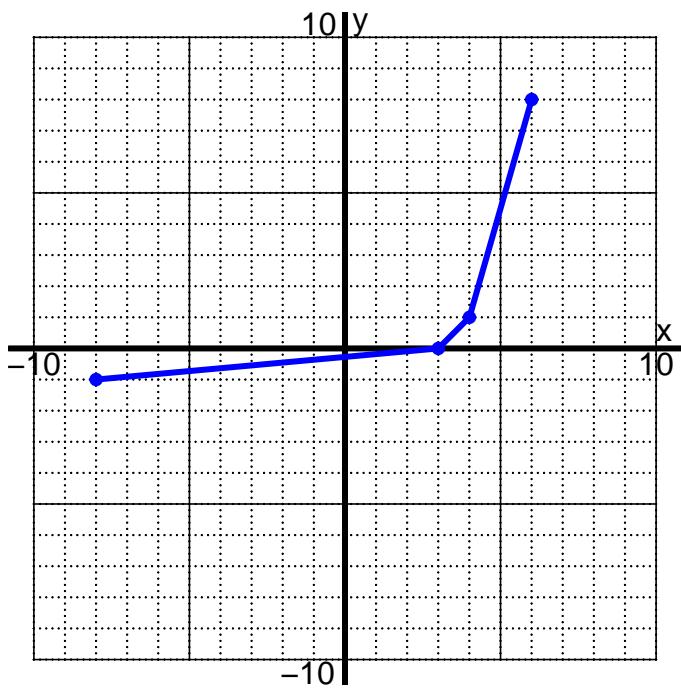
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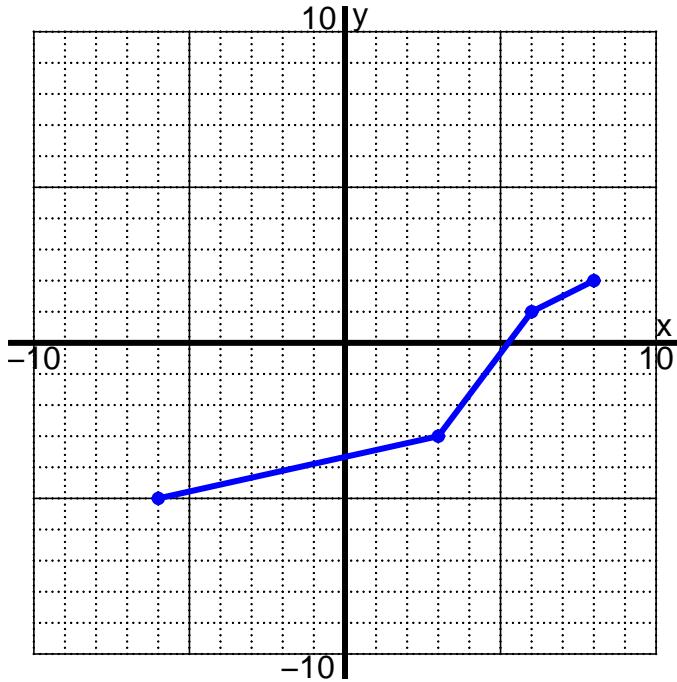


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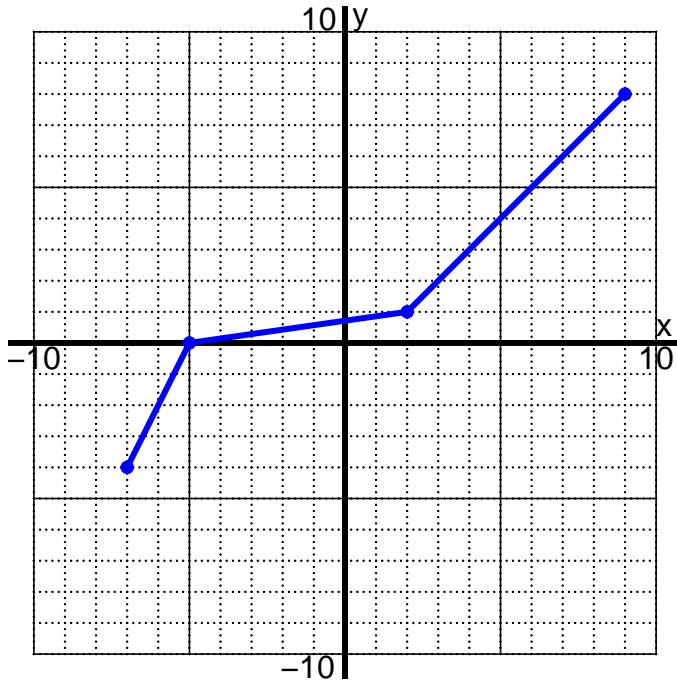
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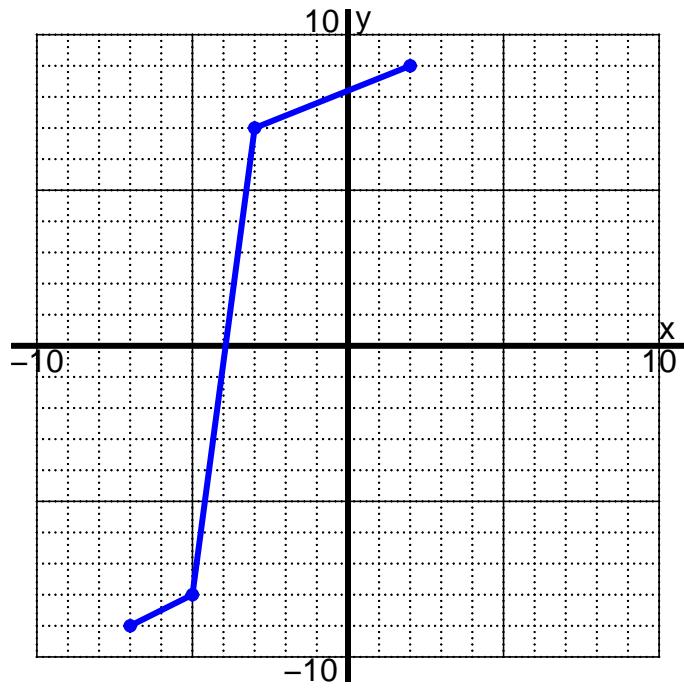
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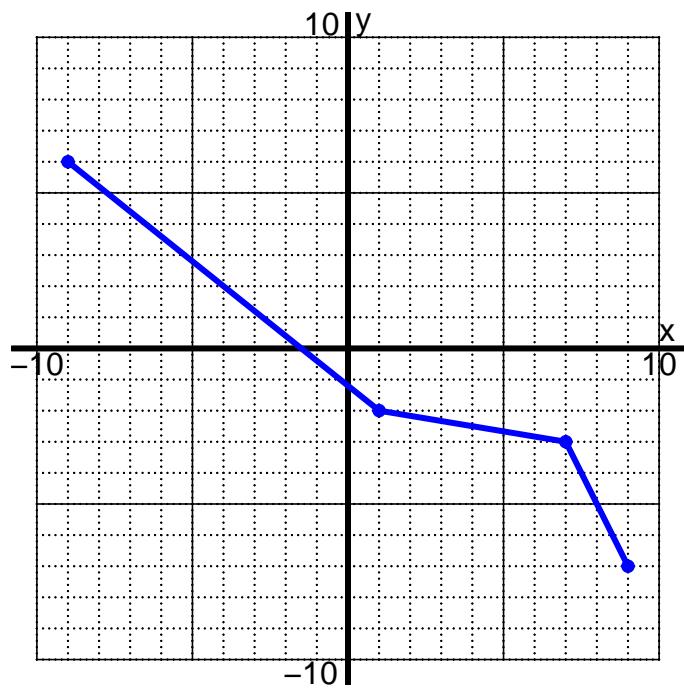
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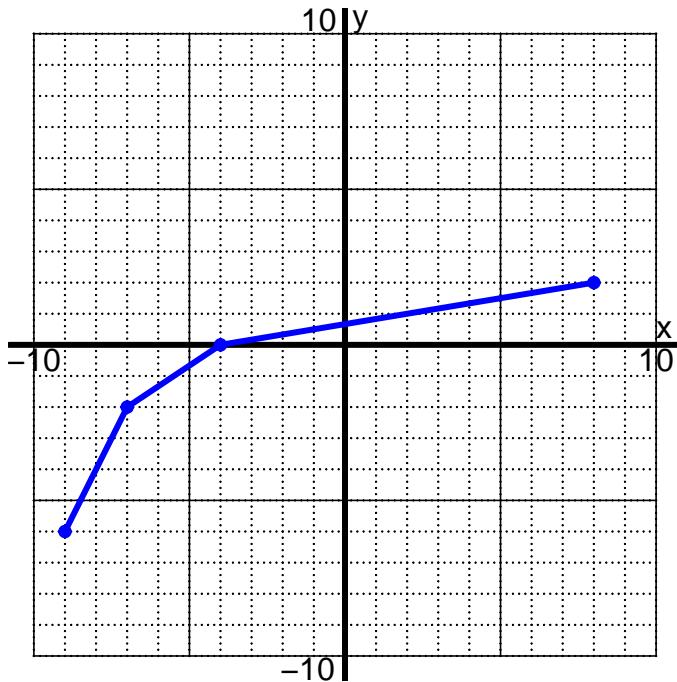


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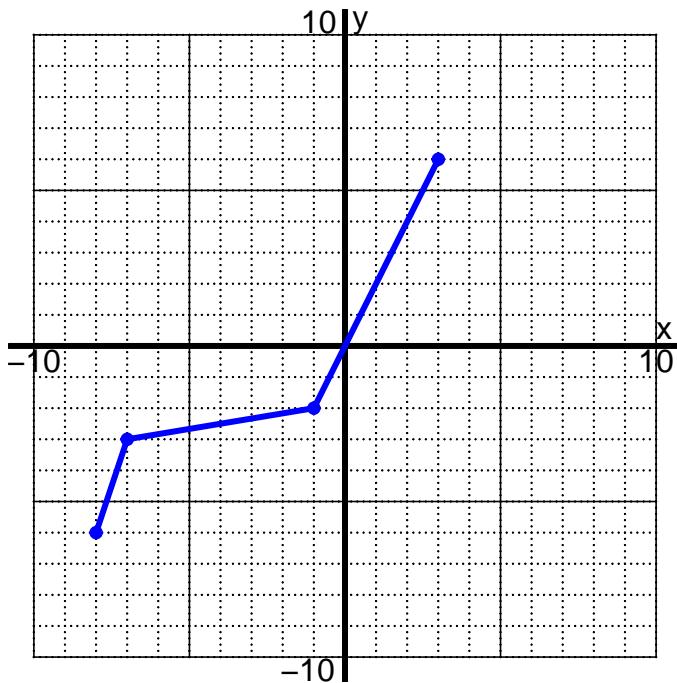
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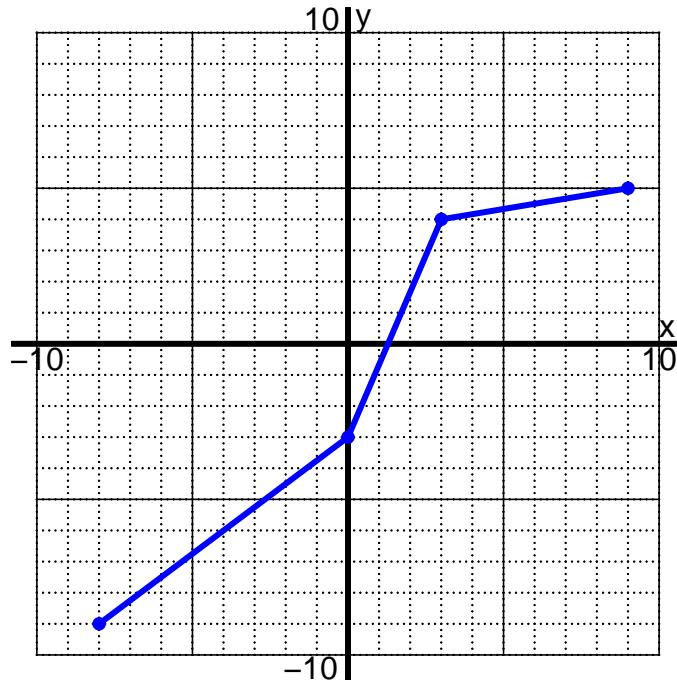
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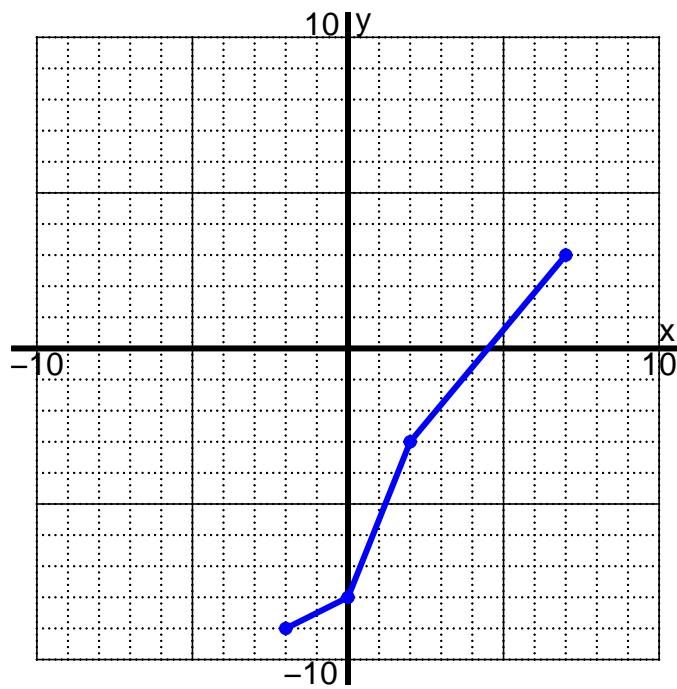
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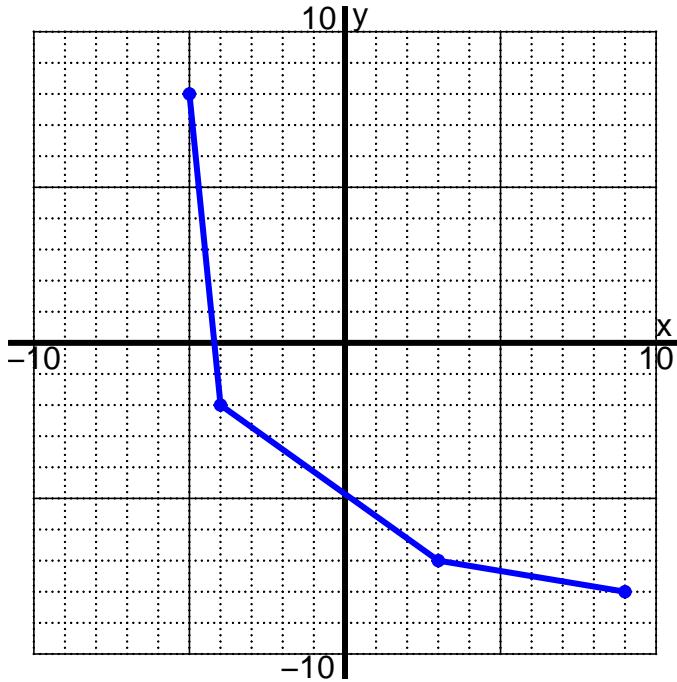


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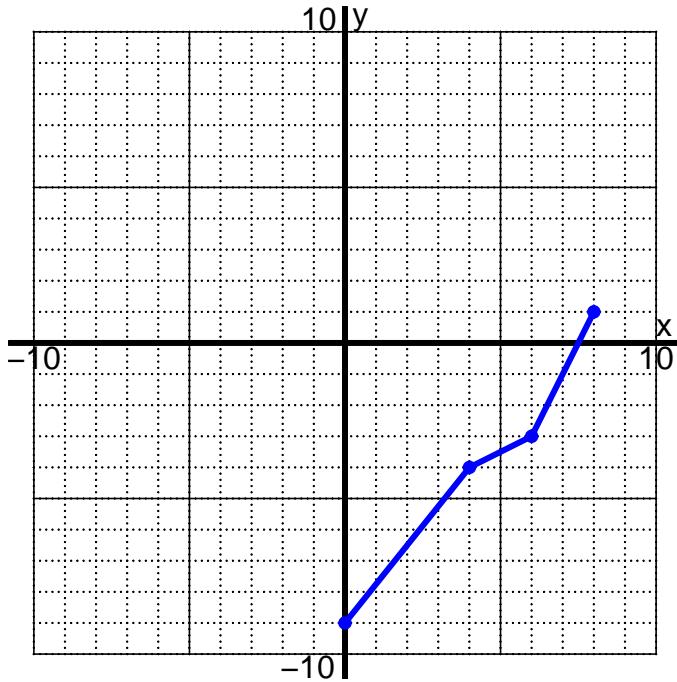
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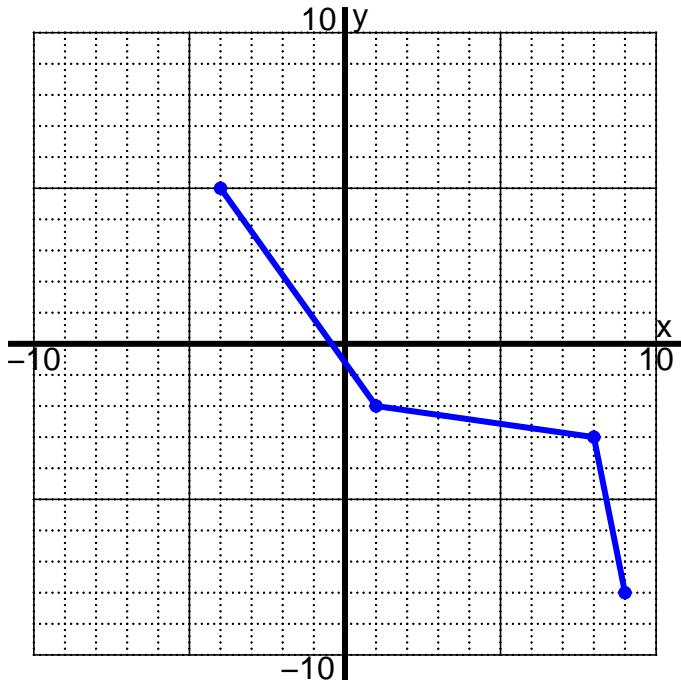
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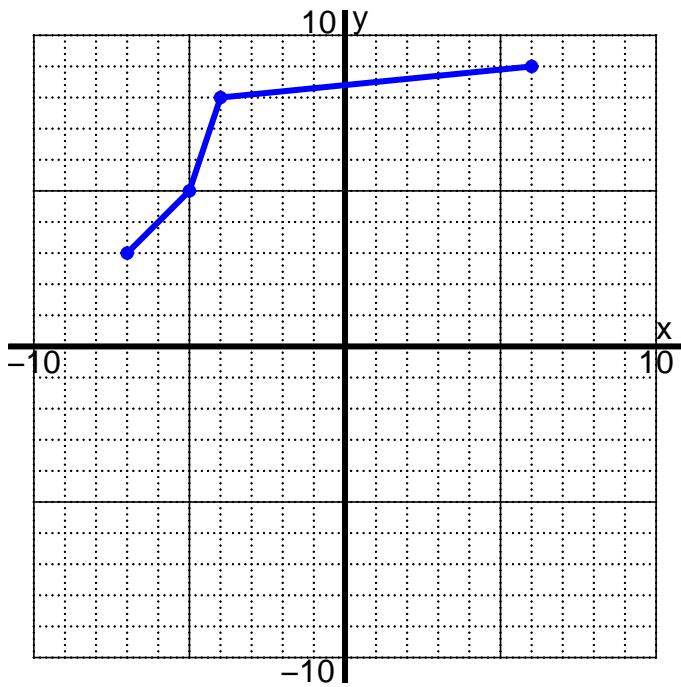
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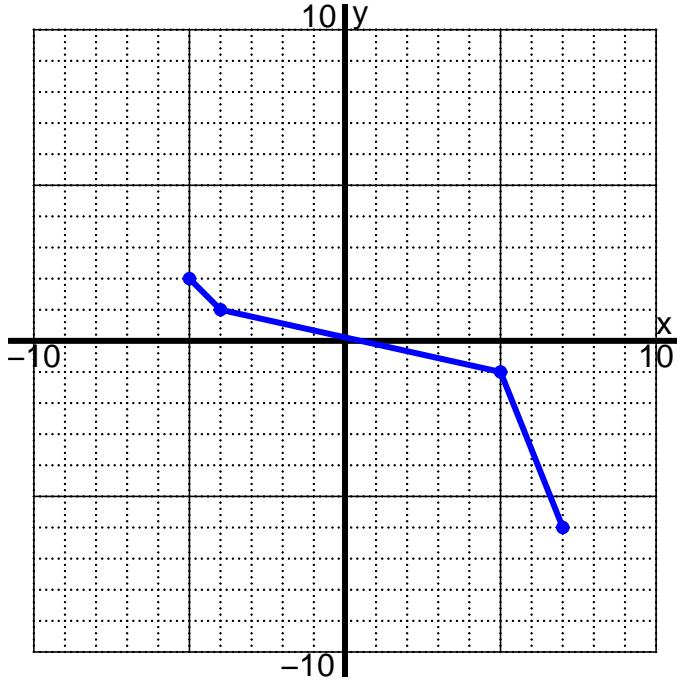


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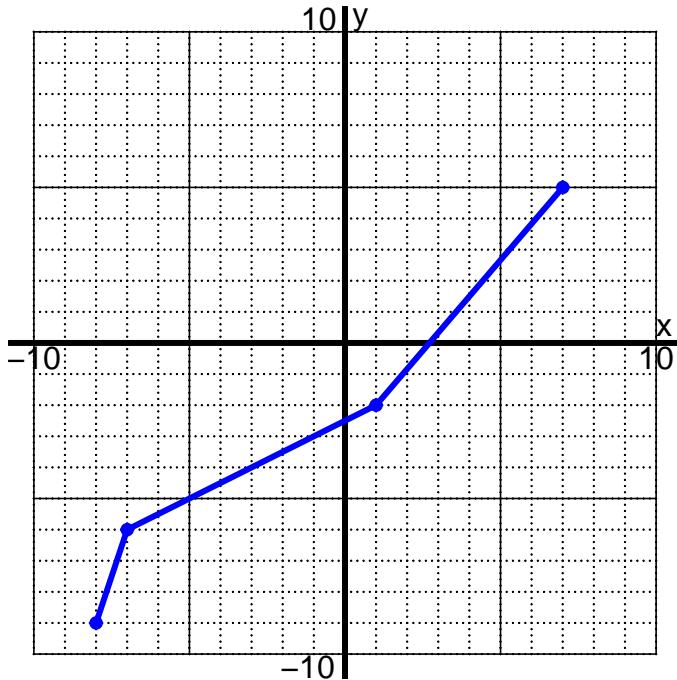
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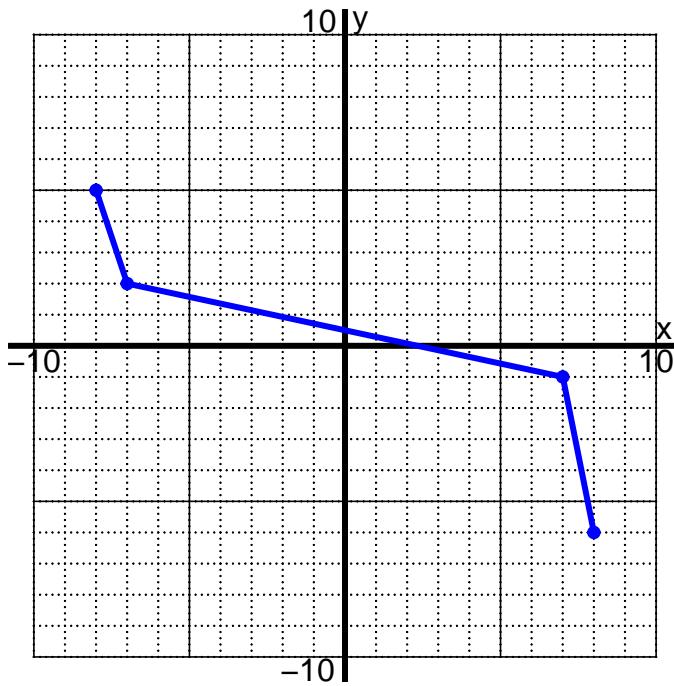
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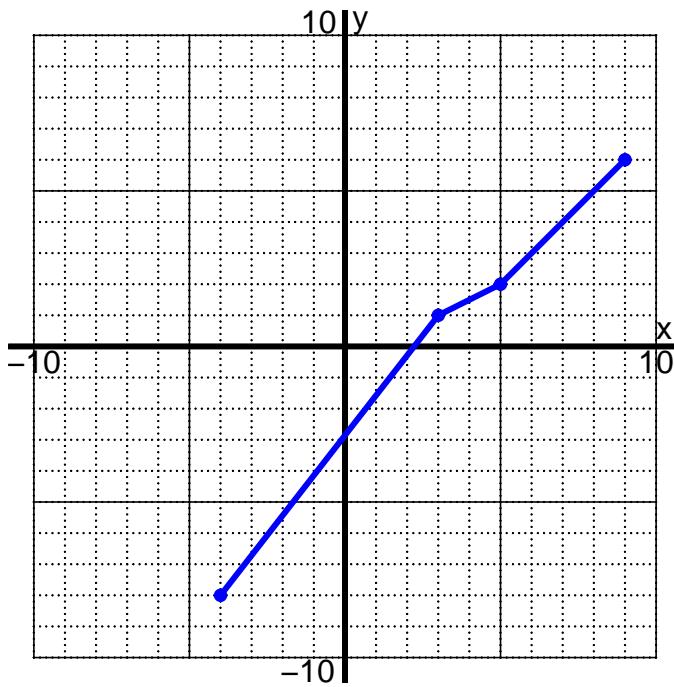
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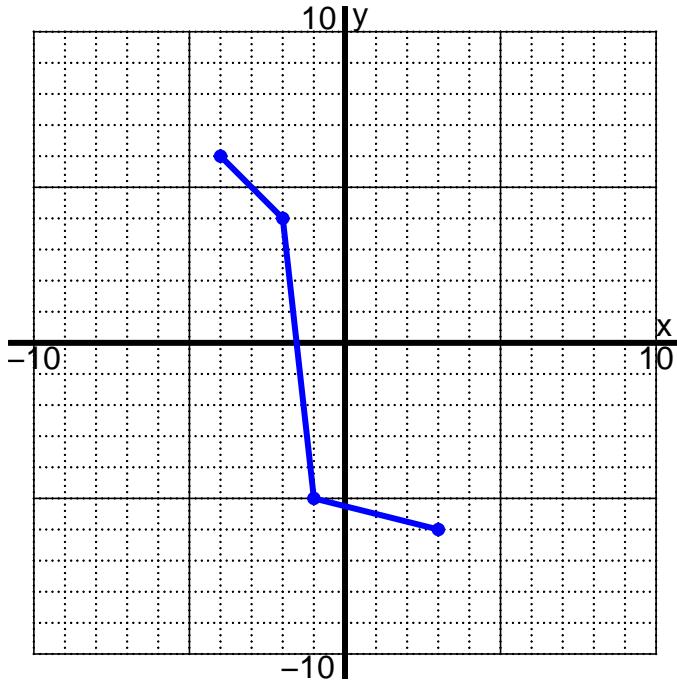


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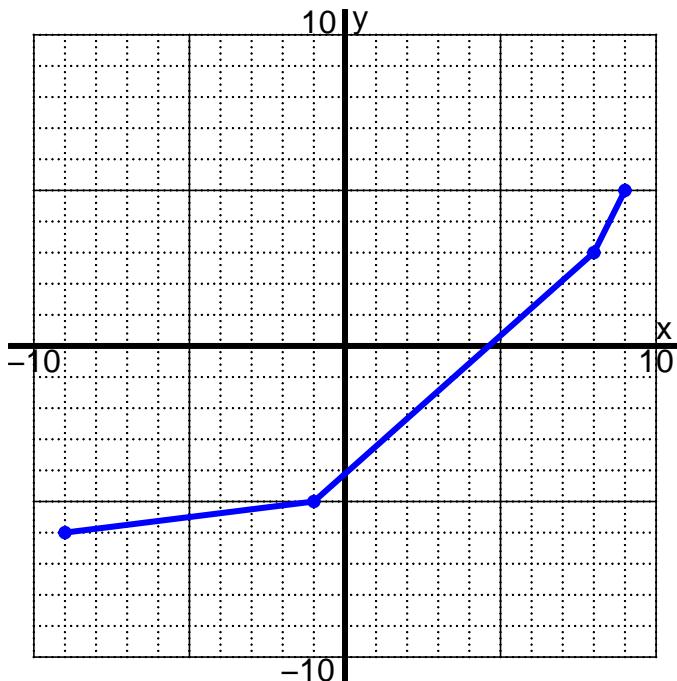
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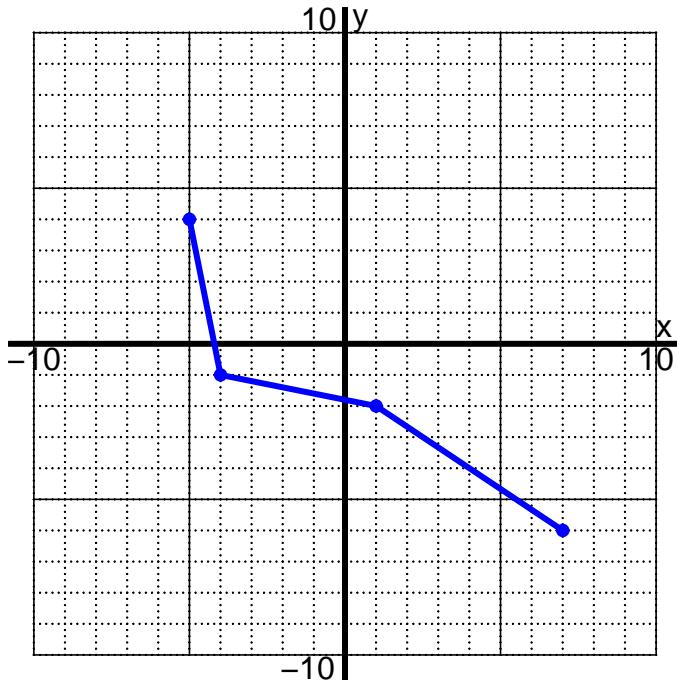
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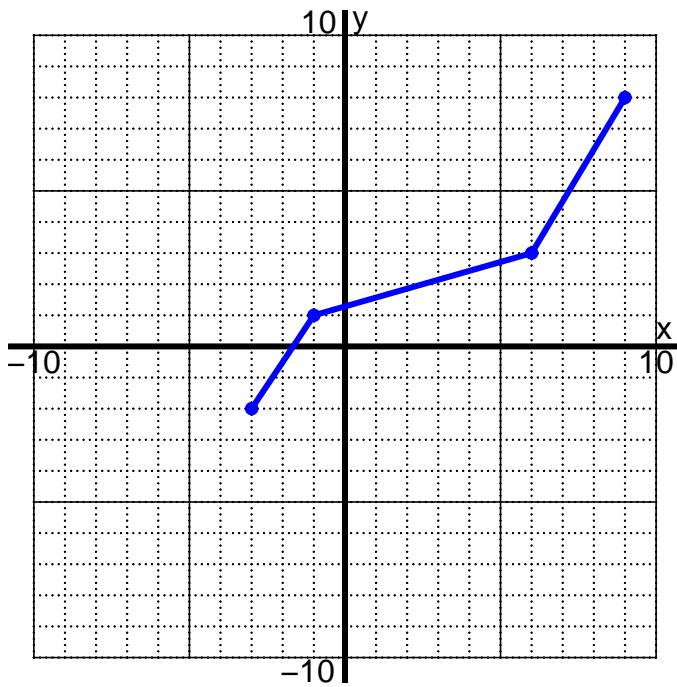
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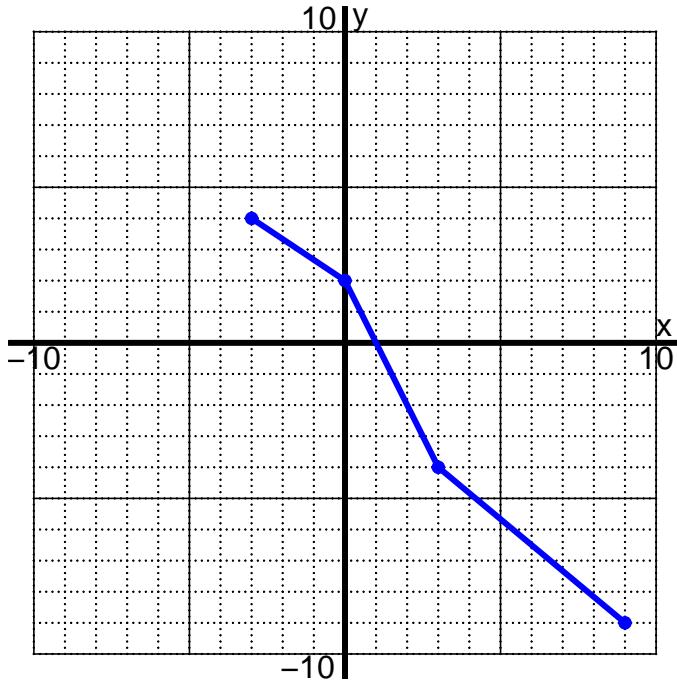


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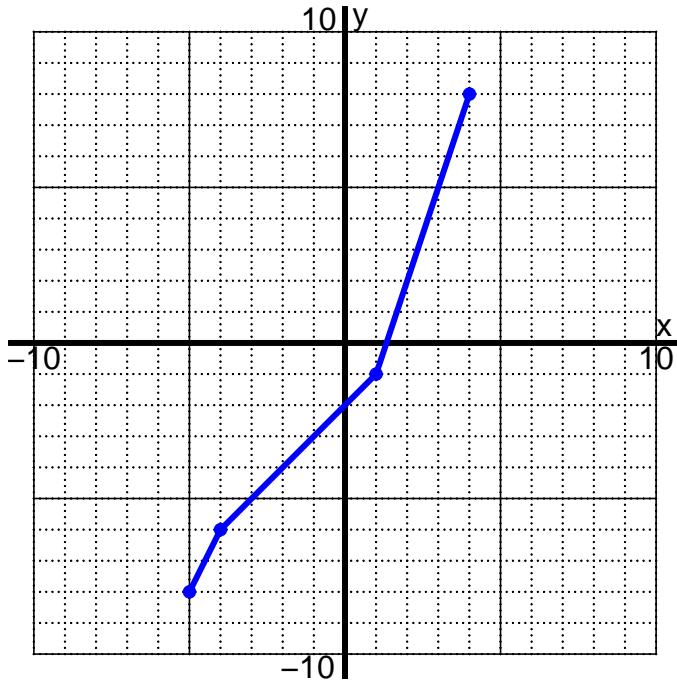
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Function reflections

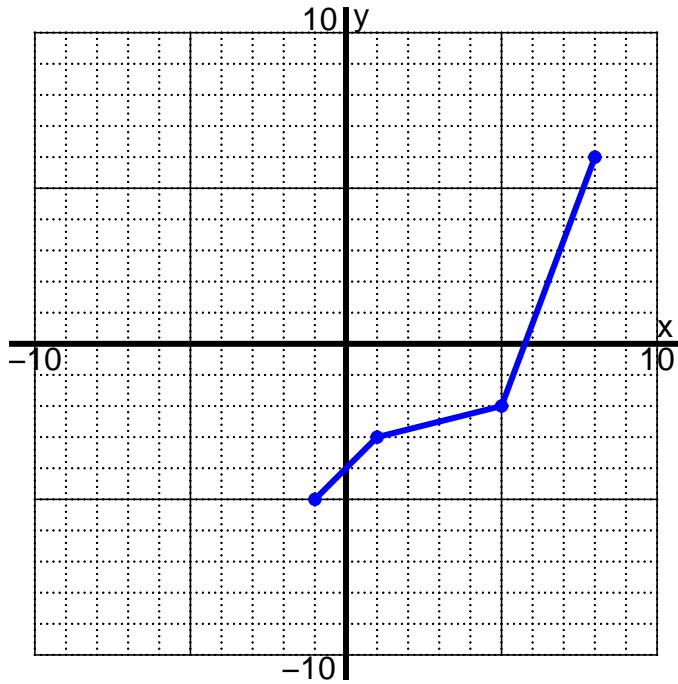
1. Below is a plot of $y = f(x)$. On the same xy plane, please draw $y = f(-x)$.



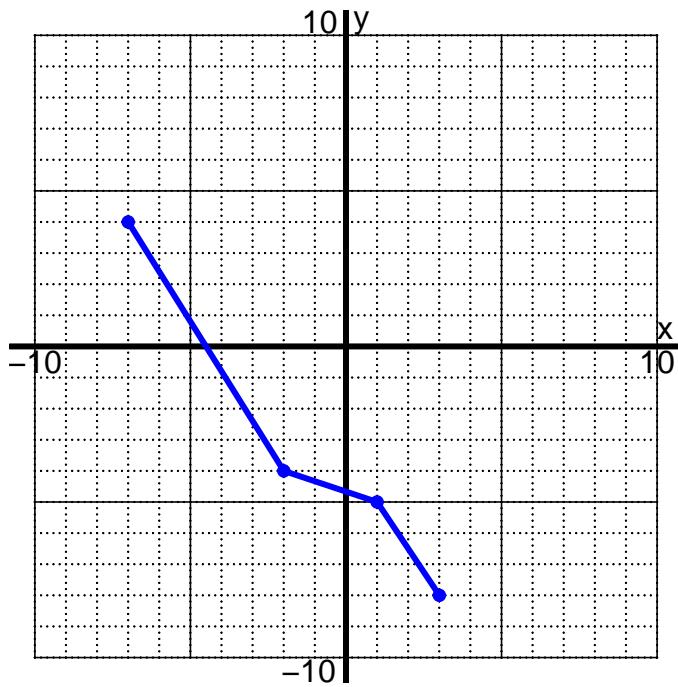
2. Below is a plot of $y = f(x)$. On the same xy plane, please draw $y = -f(x)$.



3. Below is a plot of $y = f(x)$. On the same xy plane, please draw $y = f^{-1}(x)$.



4. Below is a plot of $y = f(x)$. On the same xy plane, please draw $y = -f(-x)$.

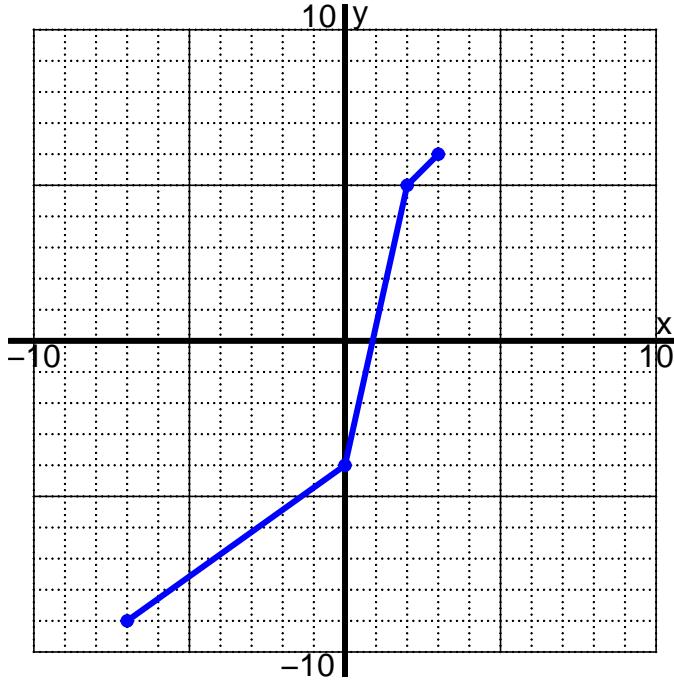


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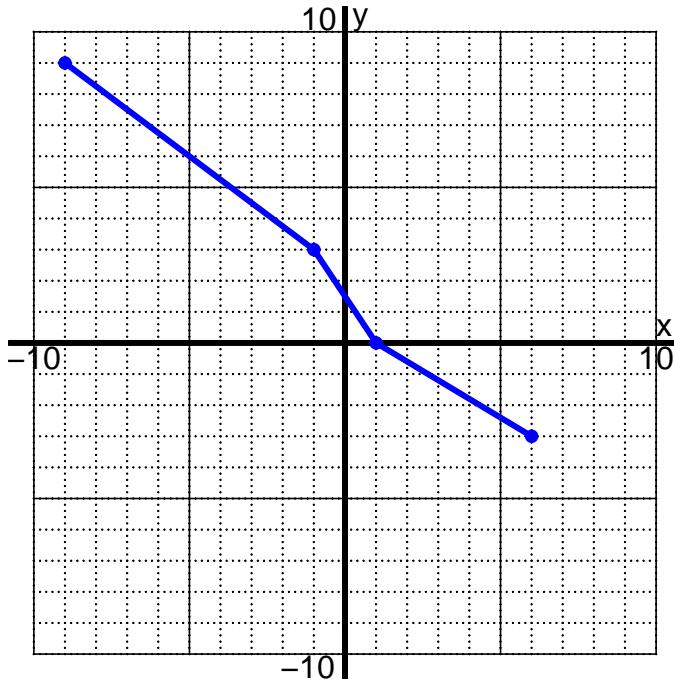
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Function reflections

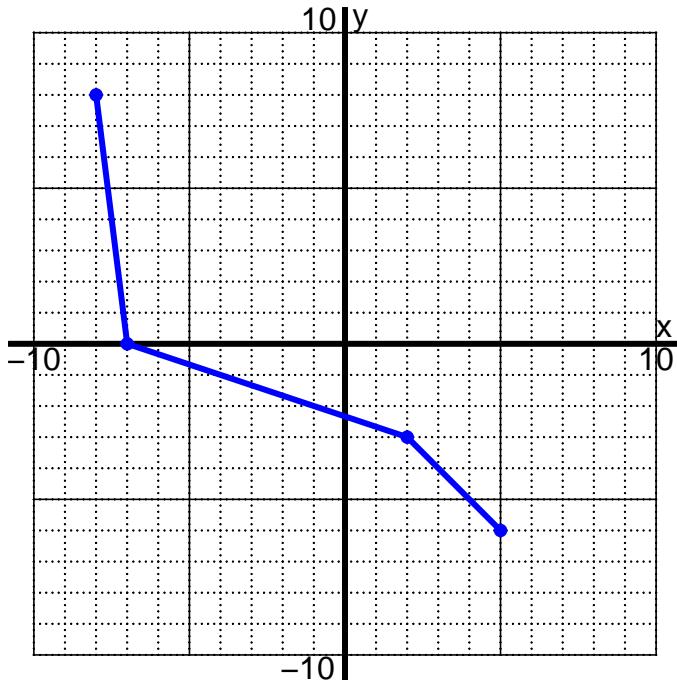
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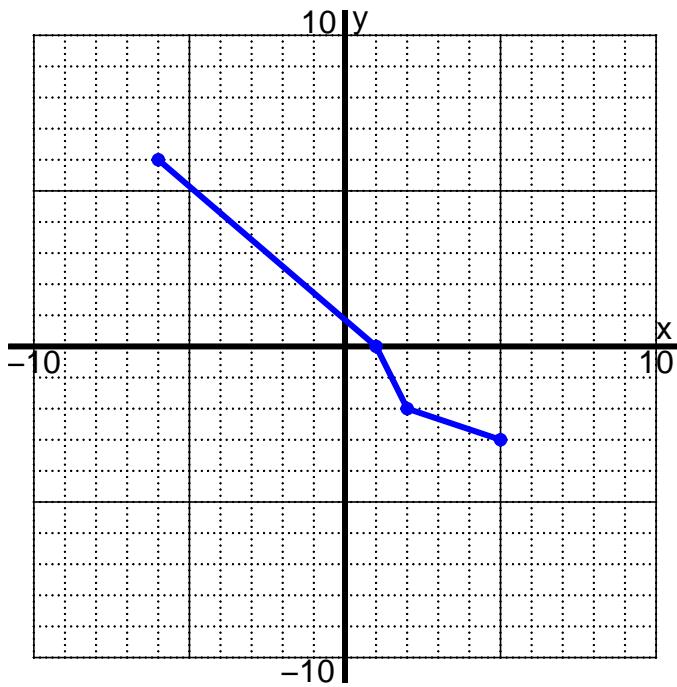
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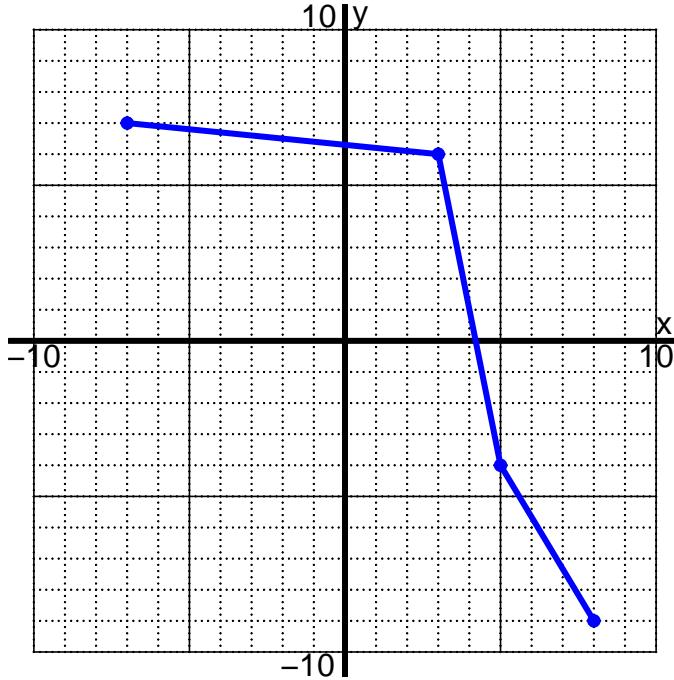


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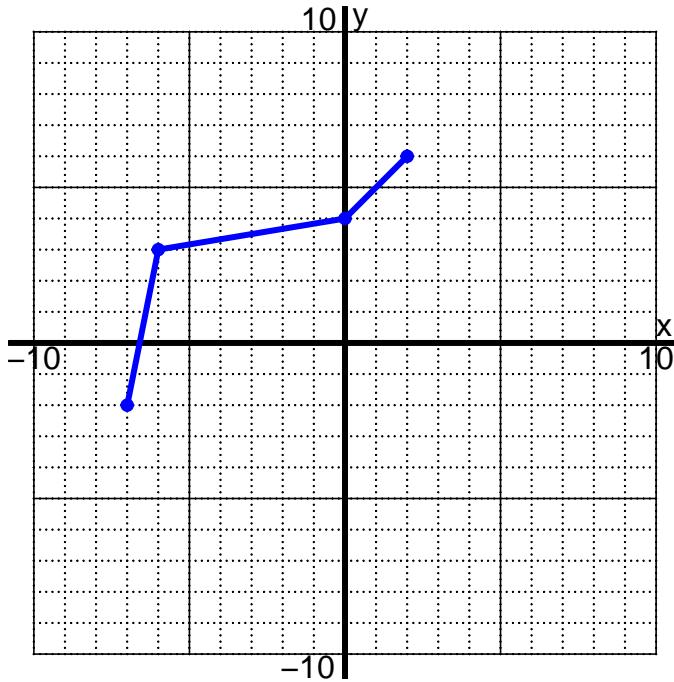
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Function reflections

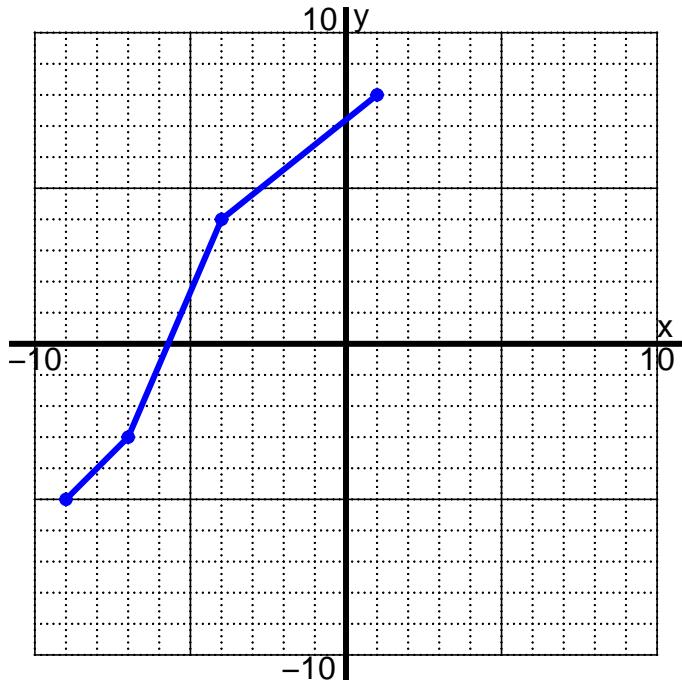
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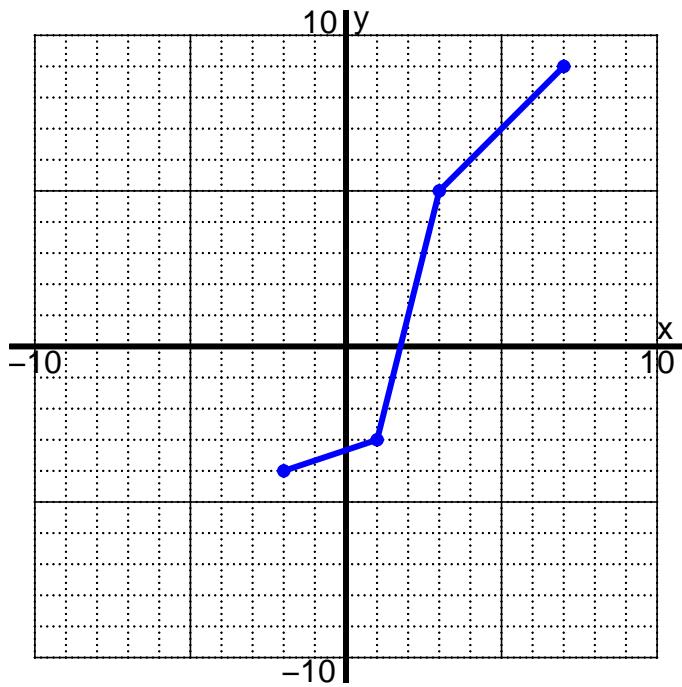
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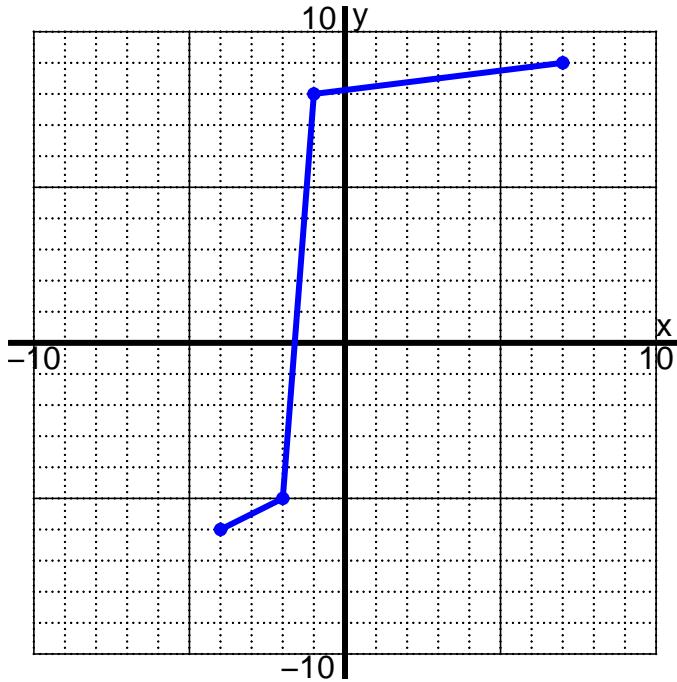


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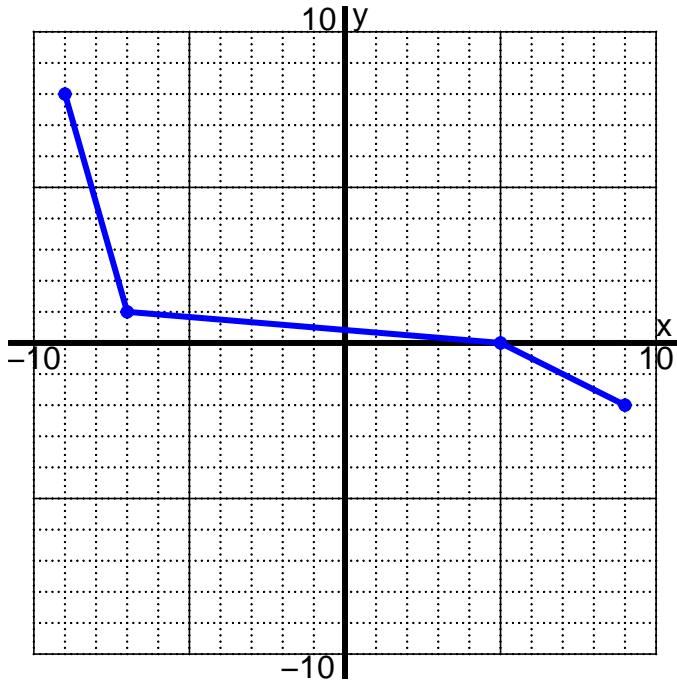
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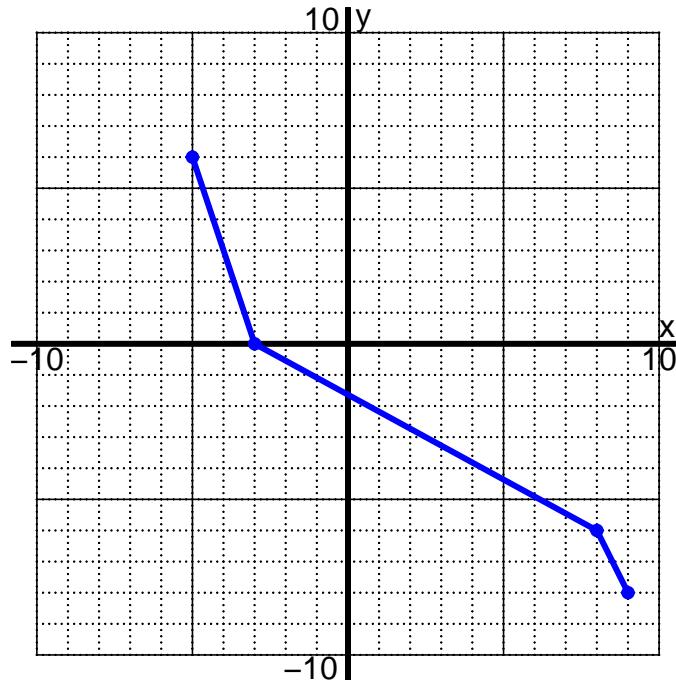
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